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Sequence 2, Appli
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Sequence 17, Appl
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JOSEPHEAL INCOMMATION: GIDENTE
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JOST-12-16
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JULIS PROPERTY PETENTION NUMBER: 08/63, 862
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  Alignment Scores:
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-WODEL=frame+ n2p.model -DEV=xlp
-WODEL=frame+ n2p.model -DEV=xlp
-Com21/USF0 spool p/US09924647/runat 26032004_110229_22374/app_query.fasta_1.2247
-Co-/cgn2 1/USF0 spool p/US09924647/runat 26032004_110229_22374/app_query.fasta_1.2247
-DE-Published Applications AA -QFMT=fasta_ -SUPFIX=rapb -MINNATCH=0.1
-LOOPCL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=-1 -MATRIX=bits 0.0000000
-USTAB-bits -START=1 -END=-1 -MATRIX=bits 0.0000000
-THR MIN=0 -ALIGN=15 -MODE-LOCAL -OUTFMT=pto -NORM=ext -HEAPS_IZE=500 -MINLEN=0
-MAXLEN=200000000 -USER=US09224647 @CGN 1 1 14 @runat 26033004 110229_22374
-NCPUE - ICQUE3 -NO -WARP -LARGEQUERY NEG $\overline{SCORES} = 0 -WART -DSPBLOCK=100
-LONGLOG -DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPEXT=0.5
-FGAPOP=6 -FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7
                                                                                                                                                     March 26, 2004, 12:45:36; Search time 91.5 Seconds (without alignments) 11982.109 Million cell updates/sec
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| cgn2_6/ptodata/2/pubpaa/USO7_puBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/PCT_NEW PUB.pep:*
| cgn2_6/ptodata/2/pubpaa/PCT_NEW PUB.pep:*
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| cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*
                       GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
                                                                                                               protein search, using frame_plus_n2p model
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Maximum Match 100%
Listing first 45 summaries
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and is derived by analysis of
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Result ğ

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| Sequence 17. Application US/09824807 |
| Sequence 17. Application US/09824807 |
| Patent No. US2002004966A1 |
| GENERAL INFORMATION: |
| APPLICANT: Serrero, Ginette |
| ATTLE OF INVENTION: 88 XOA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS |
| TILE REFERENCE: Z9996.488/P001-A |
| CURRENT PAPLICATION NUMBER: US/09/824,807 |
| CURRENT PAPLICATION NUMBER: 08/991,862 |
| PRIOR FILING DATE: 1997-12-16 |
| PRIOR FILING DATE: 1997-05-23 |
| NUMBER OF SEQ ID NOS: 17 |
| SOFTWARE: Patentin Ver. 2.0 |
| SEQ ID NO 17 |
| LENGTH: 593
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Conservative:
Mismatches:
Indels:
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Best Local Similarity:
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	91 30		CURRENT AFFILAMION NOMBER CURRENT FILING DATE: COUR PRIOR APPLICATION NUMBER: E PRIOR FILING DATE: EARLIER

TGCTGCCAGTTGCCCCATGCTGTGTGCTGCGAGGATCGCCAGCAC 1452 ACCTTCCTGGCCCGTAGCCCTCACGTGGGGGTGAAGGACGTGGAG 1572 TTCTGCCATGATAACCAGACCTGCTGCCGAGACAACCGACAGGGC 1632 TTTACGTGTGACACGCAGAAGGGTACCTGTGAACAGGGCCCCAC 1032 TGGGGCTGCTGCGATCCCAGAGGCTGTCTGGTGCTCGGACCAC 1212 CAGCGAIACACGIGIGIAGCIGAGGGGCAGTGTCAGCGAAGAAGC 1272 TACGCCCAGGGCGTCTGTTGTGCTGATCGGCGCCACTGCTGCTCT 1692 GAGAAGGCCCCAGGTCACCTCAGCCTGCCAGACCCAAGCCTTG 1092 IGCTGCCCTTTTACCCAGGCTGTGCTGTGAGGACCACATACAC 972 A TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS /P001-A R: US/09/824,647 L-04-64 E-RALIER APPLICATION NUMBER: 08/991,862 RILING DATE: 1998-08-17 GACCCAGCCTTGAGACAGCTGCTG 1791 3/09824647 370A1

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; Sequence 17, Application US/10218509
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SEQ ID NO 17

LENGTH: 593

TYPE: PRT

ORGANISM: Human GP88 CDNA
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CREANISM: 593

TYPE: PRI

CREANISM: Human GP88 cDNA
US-10-218-509-17
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	853	GATGTGAAATGTGACATGGAGGTGAGCTGCCCAGATGGCTATACCTGCTGCCGTCTACAG 912
	281	AspvallysCysAspMetGluValSerCysProAspGlyTyrThrCysCysArgLeuGln 300
	913	TCGGGGGCCTGGGGCTGCTGTTTACCCAGGCTGTGTGCTGTGAGGACCACATACAC 972
	301	SerdiyalarrpdiyCysCysProPheThrdinAlaValCysCysGluAspHisIleHis 320
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	1033	CAGGIGCCCIGGAIGGAGGCCCCAGCICACCTCAGCCTGCCAGACCCACAGCCTIG 1092
	341	GInvalprotrpMetGluLysAlaProAlaHisLeuSerLeuProAspProGlnAlaLeu 360
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NES-10-281-160-17

Sequence 17, Application US/10281160

Publication No. US20030108950A1

GENERAL INFORMATION:

APPLICANT: Serrerc, Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

CURRENT APPLICATION NUMBER: US/10/281,160

CURRENT FILING DATE: 1998-08-17

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PARCENTIN VET: 2.0

SEQ ID NO 17

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41 ASpileGlyCysAspGlnHisThrSerCysProValGlyGlyThrCysCysProSerGln 460
221 CysCysGluLeuProSerGlyLysTyrGlyCysCysProMetProAsnAlaThrCysCys 240
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US-10-321-587-17

Sequence 17, Application US/10321587

Sequence 17, Application US/10321587

Publication No. US20030215445A1

GENERAL INFORMATION:

TITLE CONTINENTION: BR KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE COF INVENTION: BR KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 2996.488/P001-A

CURRENT FILING DATE: PRIOR FILING DATE: 1998-08-17

PRIOR APPLICATION NUMBER: US/08/991,862

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SEQ ID NO 17

IENGTH: 593
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                  GACGCCCTTTGAGGGACCCAGCCTTGAGACAGCTGCTG 1791
                          Length:
Matches:
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3511.00
100.00%
100.00%
85.57%
                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Human GP88 cDNA
                                                                                                                                                                                                                                                                        Score:
Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                            ; LENGTH: 593
; TYPE: PRT
; ORGANISM: Huma
US-10-321-587-17
                                                                                                                                                                                                                                                      Alignment Scores:
Pred. No.:
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                                                             AlaLeuSerSerValMetCysProAspAlaArgSerArgCysProAspGlySerThr 220
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                                         GCCTTGTCCAGCTCATGTGTCCGGACGCACGGTCCCGGTGCCTGATGGTTCTACC
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961 GACCACATACACTGCTGTCCCGCGGGGTTTACGTGTGACACGCAGAAGGGTACCTGTGAA 1020
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TGGGCCTGCTGTCCCTACGCCCAGGGCGTCTGTTGTGCTGATCGGCGCCACTGCTGTCTCT
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US-09-925-301-1416

i Sequence 1416, Application US/09925301

j Patent No. US20020052308A1

j GENERAL INFORMATION:
 j APPLICANT: ROSen et al.
 j TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 j FILE REFERENCE: PA106
 j CURRENT APPLICATION NUMBER: US/09/925,301
 j CURRENT APPLICATION NUMBER: PCT/US0/05882
 j PRIOR APPLICATION NUMBER: PCT/US0/05882
 j PRIOR FILING DATE: 2000-09-10
 j PRIOR FILING DATE: 1999-03-10
 j PRIOR FILING DATE: 1999-03-12
 j NUMBER: OF SEQ ID NOS: 1694
 j SOFTWARE: Patentin Ver. 2.0
                                                                                                                               1753 GACGCCCCTTTGAGGGACCCAGCCTTGAGACAGCTGCTG 1791
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Matches:
Conservative:
Mismatches:
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US-09-925-301-1416
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Pred. No.:
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LENGTH: 621
TYPE: PRT
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b 525 LysGluvalValSerAlaGlnProk b 545 LysGluvalValSerAlaGlnProk b 545 LysAspvalGluCysGlyGluGly y 1621 AACCGACAGGCTGGGCTCTGTG y 1621 AACCGACAGGCTGGCTCTGTGT b 565 AshargGlaClyTrpAlaCysCysis b 1681 CACTGCTGTCTGCTGGTTCTGCTGTTCTGTGTTCTGTTC	est Local Similarity: 98.99\$ uery Match: 14 Gaps: 15 Gaps: 16 (1-2095) x US-10-262-473-6 (1-593) 27 Gaps: 28 Gaps: 19 ATGTGGACCCTGGTGAGCTGGCTTAACAGCAGGGCTAACAGCAGGGCTAACAGCAGGGCCTTAACAGCAGGGCCTTAACAGCAGGGCCTTAACAGCAGGGCCTAACAGCAGGGCCTAACAGCAGGGCCTAACAGCAGGGCCTAACAGCAGGGCCTAACAGCAGGCCTAACAGCAGGCCTAGGAACAGCAGAGCAGGCCTAGGAACAGCAGAGCAGGCCTAGGAACAGCAGGCCTAGGAACAGCAGGAACAGAAGAGAAGAAGAAGAAGAAGAAG

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1513 TCTGCCCAGCCTGCCACCTTCCTGGCCCGTAGCCCTCACGTGGGTGTGAAGGACGTGGAG 1572
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521 CysGlyGluGlyHisPheCysHisAspAsnGlnThrCysCysArgAspAsnArgGlnGly 540
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TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/963,862
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR PILING DATE: 1997-05-23
PRIOR PILING DATE: 1997-05-23
PRIOR PILING DATE: 1997-05-23
SOFTWARE: Patentin Ver. 2.0
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// Patent No. US20020061859A1
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Best Local Similarity:
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1 MetTrpValLeuMetSerTrpLeuAlaPheAlaAlaGlyLeuValAlaGlyThrGlnCys 20
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Patent No. US2002009496641

GENERAL INFORMATION:

APPLICANT: Serrero,
Ginette

TILE REPREBRICE: 29996.488/P001-A

FILLE REPREBRICE: 29996.488/P001-A

CURRENT APPLICATION NUMBER: 08/991,862

PRIOR FILLING DATE: 1997-12-16

PRIOR FILLING DATE: 1997-05-23

PRIOR FILLING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SECTION NOS: 17

SOFTWARE: Patentin Ver. 2.0

SOFTWARE: Patentin Ver. 2.0

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TYPE: RING Mouse epithelin/granulin
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| Publication No. US20020183270A1
| GENERAL INFORMATION: US20020183270A1
| GENERAL INFORMATION: Ginette
| APPLICANT: Serrero, Ginette
| TITLE OF INVENTION: G8 8 KDA TUNCRIGENIC GROWTH FACTOR AND ANTAGONISTS
| TITLE OF INVENTION: US 8 KDA TUNCRIGENIC GROWTH FACTOR AND ANTAGONISTS
| FILE REFERENCE: Z9996.488/P001-A
| CURRENT APPLICATION NUMBER: US/09/084,647
| PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/991,862
| PRIOR FILING DATE: BARLIER FILING DATE: 1998-08-17
| PRIOR FILING DATE: BARLIER FILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
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; LENGTH: 589
; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-09-824-647-2
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US-09-824-647-2
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                         Matches:
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Mismatches:
Indels:
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          5.79e-147
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                                     Percent Similarity:
Best Local Similarity:
Alignment Scores:
Pred. No.:
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| TGCTGTCCGCGGGGTTTACGTGTAACACGCAGAAGGGTACCTGTGAACAGGGCCCCCAC 1032
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| Publication No. US20030092661A1
| GENERAL INFORMATION:
| APPLICANT: Series, Ginete
| TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| FILE REPRENCE: 29996.488/P001-A
| CURRENT APPLICATION NUMBER: US/10/218,509
| CURRENT FILING DATE: 2002-08-15
| PRIOR APPLICATION NUMBER: 08/991,862
| PRIOR APPLICATION NUMBER: 08/863,862
| PRIOR PILING DATE: 1998-08-17
| PRIOR PILING DATE: 1998-08-17
| PRIOR PILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE: Patentin Ver. 2.0
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Mismatches:
Indels:
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                                                                                             Length:
Matches:
TYPE: PRT
ORGANISM: Mouse epithelin/granulin
                                                                                           5,79e-147
2681.00
83,81%
74.03%
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Best Local Similarity:
Query Match:
DB:
                                                                          Alignment Scores:
                                      US-10-218-509-2
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PRIOR APPLICATION NUMBER: US/08/991,862 PRIOR FILING DATE: 1998-08-17 PRIOR APPLICATION NUMBER: 09/863,862 PRIOR PILING DATE: 1997-05-23 NUMBER OF SEQ ID NOS: 17 SOFTWARE: PATENTIN VEY: 2.0 SEQ ID NO 2.
                                                        ; iENGTH: 589
; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-10-281-160-2
                                                                                                          5.79e-147
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                                                                                                                            Percent Similarity:
Best Local Similarity:
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US-10-281-160-2
US-10-281-160-2
; Publication No. US20030108950A1
; GENDERAL INFORMATION:
; AFPLICAWN: SETTERCP, Ginette
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REPRENCE: 29996.488/P001-A
; CURRENT APPLICATION NATE: US/10/281,160
; CURRENT PILING DATE: 2002-10-28
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TGCTGCCGTCCCCTTCTGGACAATGGCCCACAACACTGAGCAGGATCTGGGTGGCCCC 192
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                 TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR TILE REFERENCE: 29996.488/P001-A CURRENT APPLICATION NUMBER: US/10/321,587
CURRENT FILING DATE: 2002-12-18
PRIOR PILING DATE: PALOR FILING DATE: 1998-08-17
PRIOR PLING DATE: PRIOR FILING DATE: 1997-05-23
PRIOR PILING DATE: PRIOR FILING DATE: 1997-05-23
PRIOR PILING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PACHLIN Ver. 2.0
SEQ ID NO 2
LENGTH: 589
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Matches:
Conservative:
Mismatches:
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Gaps:
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US-10-321-587-2
Sequence 2, Application US/10321587
; Publication No. US20030215445A1
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Sequence 8, Application US/10262473
Sequence 8, Application US/10262473
Sequence 8, Application US/10262473
Publication No. US20030199442A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Burgess, Catherine,
APPLICANT: Gorman, Linda,
APPLICANT: Depley, Denise,
APPLICANT: Rastealli, Luca,
APPLICANT: Rastealli, Luca,
APPLICANT: Rastealli, Luca,
APPLICANT: Sequer, Daniel,
APPLICANT: Sprek, Kimberly,
APPLICANT: Shong, Mei
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Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Intercellar.

FILE REFERENCE: 21402-462B
CURRENT APPLICATION NUMBER: US/10/262,473
CURRENT FILING DATE: 2003-01-28
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-10-09
PRIOR PLING DATE: 2001-10-09
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-10-29
PRIOR PILING DATE: 2002-05-16
NUMBER OF SOE ID NOS: 2
SOFTWARE: CURASEQLIST VERSION 0.1
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95.94%
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ORGANISM: Homo sapiens
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Best Local Similarity:
Query Match:
DB:
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Pred. No.:
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                                                      TCCGATCACCTGCACTGCCCCCAAGACACTGTGTGTGACCTGATCCAGAGTAAGTGC
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Search completed: March 26, 2004, 13:05:02 Job time : 125.5 secs

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Sequence 6, Appl
Sequence 1416, Ap
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117.297 Million cell updates/sec
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                                                                                                                             March 26, 2004, 12:27:45; Search time 31.2308 Seconds
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(gnoz 6/prodata/2/pubpaa/USOT PUBCOMB.pep:*
(gnoz 6/prodata/2/pubpaa/USOE NEW PUB.pep:*
(gnoz 6/prodata/2/pubpaa/USOE PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-281-160-17
US-10-321-587-17
US-10-262-473-6
US-09-925-311-1416
US-09-813-156-5
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US-10-281-160-7
US-10-321-587-7
US-09-813-156-17
US-09-824-807-17
US-09-824-647-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-813-156-7
US-09-824-807-7
US-09-824-647-7
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Published_Applications_AA:*
                                                                                      OM protein - protein search, using sw model
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Gapop 10:0 , Gapext 0.5
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74
1 ARRGTKCLRREAPR 14
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Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli	Sequence equence	Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli	Sequence 46601, A Sequence 307, App Sequence 11, Appl Sequence 14524, A	H 404 A	Sequence 24, Appl Sequence 15, Appl Sequence 15, Appl Sequence 19, Appl Sequence 28, Appl	Sequence 146564, Sequence 525, App Sequence 7061, App Sequence 7061, A Sequence 3, Appli
US-09-824-807-5 US-09-824-647-5 US-10-218-509-5 US-10-281-160-5	US-10-321-587-5 US-09-813-156-2 US-09-824-807-2	US-09-824-647-2 US-10-218-509-2 US-10-281-160-2 US-10-321-587-2	US-10-425-114-46601 US-09-975-719-307 US-10-217-700-11 US-10-156-761-14524	15 US-10-369-493-18676 9 US-09-757-716-1 12 US-10-363-616-274 14 US-10-080-170-466 10 US-09-866-050A-692	US-09-852-472-24 US-09-790-264-15 US-10-269-353-15 US-09-852-472-19 US-09-870-711-28	US-10-424-599-146564 US-10-103-313-525 US-10-103-313-397 US-10-425-114-70681 US-10-210-428-3
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ALIGNMENTS

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REBUIT 1
US-09-813-156-7
Sequence 7, Application US/09813156
Sequence 7, Application US/09813156
Sequence 7, Application US/09813156
Sequence 7, Application US/09813156
PERENCE 0. US2020061859A1
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIER 1056
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT PILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-05-23
NUMBER: O SEQ ID NOS: 17
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 7
LENGTH: 14
TYPE: PRT
TYPE: PRT
TYPE: PRT
TYPE: PRT
TYPE: PRT
TYPE: NAME/KRY: PEPTIDE
COMMANISM: Human granulin
FRATURE:
COMMANISM: Human granulin
FRATURE:
COTHER INFORMATION: Internal peptide of human GP88 monoclonal antibody.
US-09-813-156-7
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Query Match 100.0%; Score 74; DB 9; Length 14; Best Local Similarity 100.0%; Pred. No. 1.3e-05; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps

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RESULT 2 US-09-824-807-7

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US-10-281-160-7

US-10-281-160-7

US-10-281-160-7

Sequence 7, Application US/10281160

Publication No. US20030108950A1

GENERAL INFORMATION

APPLICANT: Serrero, Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REPERENCE: 29996-488/P001-A

CURRENT APPLICATION NUMBER: US/10/281,160

PRIOR APPLICATION NUMBER: US/08/991,862

PRIOR APPLICATION NUMBER: US/08/991,862

PRIOR APPLICATION NUMBER: 08/863,862

PRIOR APPLICATION NUMBER: 08/863,862

PRIOR APPLICATION NUMBER: 08/863,862

PRIOR SPILING DATE: 1998-08-17

SOFTWARE: PATCH IN OF: 2.0

SSOFTWARE: PATCH IN OF: 2.0
Publication No. US20030092661A1
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/10/218,509
CURRENT APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/893,862
PRIOR FILING DATE: 1990-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver: 2.0
SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PT.

ORGANISM: Human granulin
FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)..(14)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-10-218-509-7
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NAME/KEY: PEPTIDE
CATION: (1)...(14)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: Internalizing anti-human GP88 monoclonal antibody.
US-10-281-160-7
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Best Local Similarity 100.0%; Score 74; DB 14; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.3e-05;
Matches 14; Conservative 0; Mismatches 0; Indels
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ORGANISM: Human granulin
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US-10-321-587-7
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Publication No. US20020183270A1
Publication No. US20020183270A1
Publication No. US20020183270A1
Publication No. US20020183270A1
ITILE OF INVENTION:
REPERENCE: 29996.4881/P001-A
FILE REPERENCE: 29996.4881/P001-A
FURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17
PRIOR PILING DATE: EARLIER FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/863,862
NUMBER OF SEQ 1D NOS: 17
SOFTWARE: PATENTING DATE: 1997-05-23
NUMBER OF SEQ 1D NOS: 17
  Sequence 7, Application US/09824807
Patent No. US202009496641
GENERAL INFORMATION:
APPLICANT Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: Z9996 488/P001-A
CURRENT APPLICATION NUMBER: US/09/824,807
CURRENT FILING DATE: 2001-04-04
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
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NAME/KEY: PEPTIDE
LOCATION: (1)..(14)
COTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-824-807-7
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OTHER INFORMATION: Internal peptide of human GP68 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-824-647-7
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Best Local Similarity 100.0%;
Matches 14; Conservative 0
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ORGANISM: Human granulin
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ORGANISM: Human granulin
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US-10-218-509-7
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US-09-824-647-7
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LENGTH: 14
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566 ARRGTKCLRREAPR 579
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                                                                                                                                                                                            TYPE: PRT
ORGANISM: Human GP88 cDNA
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US-09-824-647-17
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Betwern LOUG200200618591
GENERAL INFORMATION
TITLE OF INVENTION: 68 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 68 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996.488/P001-A
CURRENT APPLICATION NUMBER: 08/09/813,156
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR APPLICATION NUMBER: 08/863,862
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
APPLICANT: Serrence, dinette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/10/321,587
CURRENT FILING DATE: 12002-12-18
PRIOR APPLICATION NUMBER: US/08/991,862
PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR PILING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SSOFTWARE: PATENT FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NO : 2.0
SEQ ID NO : 2.0
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Patent No. US20020094966A1
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996.488/P001-A
CURRENT FILING DATE: 2001-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: PEPTIDE

LOCATION: (11)..(14)

OTHER INFORMATION: Internal peptide of human GP88 used to develop

OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-10-321-587-7
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100.0%; Score 74; DB 9; L
Best Local Similarity 100.0%; Pred. No. 0.00048;
Matches 14; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0
Matches 14; Conservative
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LENGTH: 593
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Sequence 17, Application US/10218509
; Publication No. US20030092661A1
; GENERAL INFORMATION:
    APPLICANT SETERO, Ginette
; TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
    TILE REFERENCE: 29996.488/P001-A
; CURRENT APPLICATION NUMBER: US/10/218,509
; CURRENT FILING DATE: 2020-08-15
; PRIOR FILING DATE: 1998-08-17
; PRIOR PLING DATE: 1997-08-13
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PAPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 2999-P001-A
CURRENT APPLICATION NUMBER: US/09/824,647
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17
PRIOR FILING DATE: EARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PACENTIN Ver: 2.0
SEQ ID NO 17
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Pred. No. 0.00048;
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100.0%; Score 74; DB 9; I
Best Local Similarity 100.0%; Pred. No. 0.00048;
Matches 14; Conservative 0; Mismatches 0;
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PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER: OF SEQ ID NOS: 17
SOFFWARE: Patentin Ver. 2.0
SEQ ID NO 17
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Publication No. US20020183270A1
GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 14; Conservative 0;
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Sequence 6, Application US/10262473 Publication No. US20030199442A1 GENERAL INFORMATION:
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US-09-925-301-1416
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Publication No. US20030108950A1

Publication No. US20030108950A1

GENERAL INFORMATION:

APPLICANT Serrero, Ginete

TITLE OF INVENTION:

FILE REFERENCE: 2996.488/P001-A

CURRENT APPLICATION NUMBER: US/10/281,160

CURRENT FILING DATE: 1998-08-17

PRIOR PILING DATE: 1998-08-17

PRIOR FILING DATE: 1997-05-23

NOWIBER OF SEQ ID NOS: 17

SEQ ID NO 17

SEQ ID NO 17

LENGTH: 593
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       100.0%; Score 74; DB 14; Length 593; 100.0%; Pred. No. 0.00048;
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                                   0; Indels
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                                    0; Mismatches
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Best Local Similarity 100.0%;
Matches 14; Conservative 0;
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                                                               1 ARRGIKCLRREAPR 14
Query Match
Best Local Similarity 100.0
These 14; Conservative
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US-10-321-587-17
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; ORGANISM: Human GP88 CDNA
US-10-281-160-17
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Best Local Similarity
Matches 14; Conserv
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US-10-321-587-17
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US-10-281-160-17
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y APPLICANT: Reletai, Luca,
APPLICANT: Reletai, Luca,
APPLICANT: Reletai, Luca,
APPLICANT: Sprek, Kimberly,
APPLICANT: Sprek, Kimberly,
APPLICANT: Sprek, Kimberly,
TITLE OF INVENTION: THERABEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO
CURRENT APPLICATION NUMBER: 60/326,473
CURRENT FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/326,029
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR PILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/349,575
PRIOR APPLICATION NUMBER: 60/349,575
PRIOR APPLICATION NUMBER: 60/349,038
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/349,038
PRIOR FILING DATE: 2002-05-16
SPRIOR APPLICATION NUMBER: 60/349,575
PRIOR APPLICATION NUMBER: 60/349,575
PRIOR
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patent No. US20020052308A1
GENERAL INPORMATION:
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: FA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT APPLICATION NUMBER: US/09/925,301
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: PATENTI VOICE: 1694
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Pred. No. 0.0048;
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APPLICANT: Alsobrook, John,
APPLICANT: Burgess, Catherine,
APPLICANT: Gorman, Linda,
APPLICANT: Guo, Xiaojia,
APPLICANT: Guo, Xiaojia,
APPLICANT: Patturajan, Meera,
APPLICANT: Rastelli, Luca,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    91.9%;
92.9%;
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Best Local Similarity 92.9
Matches 13; Conservative
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Best Local Similarity 92.9
Matches 13, Conservative
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US-09-925-301-1416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , ORGANISM: Homo sapiens
US-10-262-473-6
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Db 3 RGTKCLRKKIPR 14

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Gaps

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Query Match
Pest Local Similarity 75.0%; Pred. No. 0.041;
Matches 9; Conservative 2; Mismatches 1; Indels

Search completed: March 26, 2004, 12:48:35 Job time: 31.4308 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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- protein search, using sw model OM protein Run on:

March 26, 2004, 12:27:45 ; Search time 42.3846 Seconds
(without alignments)
117.297 Million cell updates/sec

US-09-824-647-6 98 1 EKAPAHLSLPDPQALKRDV 19 Title: Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

1065169 segs, 261661801 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Published Applications AA:*

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2: /cgn2_6/ptodata/2/pubpaa/PCT NEW PUBL :pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result		* Ouery				
No.	Score	Match	Match Length DB	DB	QI	Description
	96	100.0	19		US-09-813-156-6	Sequence 6, Appli
73	98	100.0	19	σ	US-09-824-807-6	Sequence 6, Appli
m	98	100.0	19	σ	US-09-824-647-6	Sequence 6, Appli
4	96	100.0	19	14	US-10-218-509-6	Seguence 6, Appli
ß	86	100.0	19	14	US-10-281-160-6	Sequence 6, Appli
9	98	100.0	13	15	US-10-321-587-6	Sequence 6, Appli
7	96	100.0		σ	US-09-813-156-17	Sequence 17, Appl
ω	98	100.0		σ	US-09-824-807-17	Sequence 17, Appl
σι	98	100.0		σ	US-09-824-647-17	Sequence 17, Appl
10	98	100.0	593	14	US-10-218-509-17	Sequence 17, Appl
11	98	100.0		14	US-10-281-160-17	Sequence 17, Appl
12	98	100.0		14	US-10-262-473-6	Sequence 6, Appli
13	98	100.0		15	.US-10-321-587-17	Sequence 17, Appl
14	98	100.0		თ	US-09-925-301-1416	Sequence 1416, Ap
٦,	50	0.12		σ	US-09-813-156-2	Seguence 2, Appli

Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 32, Appli Sequence 3155, Ap Sequence 11, Appl Sequence 1657, Ap Sequence 1677, Ap Sequence 22, Appl Sequence 23, Appl Sequence 3107, Ap Sequence 34773, Ap Sequence 34773, Ap Sequence 34773, Appli Sequence 15697, Appli Sequence 1538, Appli Sequence 1538, Appli Sequence 1538, Appli Sequence 1538, Appli	999
US-09-822 US-09-822 US-01-22 US-01-22 US-01-22 US-01-23 US-0	US-09-813-156-3 US-09-824-807-3 US-09-824-647-3 US-10-218-509- US-10-281-160- 5 US-10-321-587-
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ALIGNMENTS

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Sequence 6, Application US/09813156

patent No. US20020061859A1

patent No. US20020061859A1

GENERAL INFORMATION:

patent No. US20020061859A1

GENERAL INFORMATION:

TITLE OF INVENTION 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 2996.488/P001-A

CURRENT FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: US/09/813,156

CURRENT FILING DATE: 1997-12-16

PRIOR PILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 6

LENGTH: 19
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NAMB/KEY: PEPTIDE
LOCATION: (1)...(19)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-813-156-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Human granulin
JS-09-813-156-6
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Gaps .. 0 Query Match
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels

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1 EKAPAHLSLPDPQALKRDV 19 EKAPAHLSLPDPQALKRDV 19

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RESULT 2 US-09-824-807-6

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LOCATION: (1)..(19) OTHER INFORMATION: Internal peptide of human GP88 used to develop OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
                                                            APPLICATE: Series, dinete
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
CURRENT APPLICATION NUMBER: US/10/218,509
CURRENT FILING DATE: 2002-08-15
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR RILING DATE: 1998-08-17
PRIOR RILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver: 2.0
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Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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                  US20030092661A1
                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Human granulin
FEATURE:
NAME/KEY: PEPTIDE
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LENGTH: 19
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Publication No. US20020183270A1

GENERAL INFORMATION:

APPLICANT: Serrenc, Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: Z9996.488/P001-A

CURRENT APPLICATION NUMBER: US/09/824,647

CURRENT FILING DATE: ARALIER FILING DATE: 1998-08-17

PRIOR PILING DATE: EARLIER FILING DATE: 1998-08-17

PRIOR PILING DATE: EARLIER FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PALENTIN VET. 2.0

SEQ ID NO 6

LENGTH: 19
Sequence 6, Application US/09824807
Patent No. US20020094966A1
GENERAL INFORMATION:
APPLICANT: Serrero, Ginete
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFRENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/824,807
CURRENT FILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-12-16
PRIOR PLILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 6
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: PEPTIDE
LOCATION: (1)..(19)
CTHER INFORMATION: Internal peptide of human GP88 used to develop
CTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-824-807-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     . LOCATION: (1)..(19)
; CTHER INFORMATION: Internal peptide of human GP88 used to develop
; OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-824-647-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
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100.0%; Score 98; DB 9; I
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0;
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ORGANISM: Human granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Human granulin
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US-09-824-647-6
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Gaps

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Sequence 6, Application US/10281160
| Sequence 6, Application US/10281160
| Publication No. US2003108950A1
| Publication No. US2003108950A1
| GENERAL INFORMATION:
| APPLICATION:
| TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TITLE OF INVENTION: 29996.488/P001-A
| CURRENT APPLICATION NUMBER: US/10/281,160
| CURRENT APPLICATION NUMBER: US/08/991,862
| PRIOR APPLICATION NUMBER: US/08/991,862
| PRIOR PILING DATE: 1998-08-17
| PRIOR PILING DATE: 1999-08-17
| PRIOR PILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SEQ ID NO 6
| LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: PEPTIDE
LOCATION: (1)..(19)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
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Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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ORGANISM: Human granulin
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US-10-218-509-6 ; Sequence 6, Application US/10218509

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Gaps

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NESON SEQUENCE 17, APPLICATION US/09824647

SEQUENCE 17, APPLICATION NO. US20020183270A1

SEQUENCE 17, APPLICATION NO. US20020183270A1

GENERAL INFORMATION:

APPLICANT: SETTETO, GINETE

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFRERNCE: Z9996.488F001.A

CURRENT APPLICATION NUMBER: US/09/824,647

CURRENT APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/991,862

PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17

PRIOR FILING DATE: EARLIER FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 17

LENGTH: 593
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Sequence 17, Application US/10218509

Sequence 17, Application WS/10218509

Publication No. US20030092661A1

GENERAL INFORMATION:

APPLICANT: Serrero, Ginette

TITLE OF INVENTION: 88 RDA TUNORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REPERENCE: 29996. 488/POIL-A

CURRENT APPLICATION NUMBER: US/10/218,509

CURRENT APPLICATION NUMBER: US/10/218,509

PRIOR FILING DATE: 2002-08-15

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1999-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 17

LENGTH: 593
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100.0%; Pred. No. 1.9e-06;
tive 0; Mismatches 0;
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100.0%; Pred. No. 1.9e-06;
tive 0; Mismatches 0;
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FLING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE PATENTIN Ver. 2.0
SEQ ID NO 17
LENGTH: 593
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Best Local Similarity 100.
Matches 19; Conservative
                                                                                                                                                                                                TYPE: PRT ; ORGANISM: Human GP88 cDNA US-09-824-807-17
                                                                                                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 19; Conservative
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; ORGANISM: Human GP88 cDNA
US-10-218-509-17
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US-09-824-647-17
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Patent No. US20020064859A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION NUMBER: US/09/813,156

CURRENT FILING DATE: 2010-03-11

PRIOR RAPLICATION NUMBER: 08/991,862

PRIOR APPLICATION NUMBER: 08/991,862

PRIOR APPLICATION NUMBER: 08/991,862

PRIOR FILING DATE: 1997-12-16

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PATENTIN Ver. 2.0

LENGTH: 593
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                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)...(19)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
COTHER INFORMATION: neutralizing anti-human GF88 monoclonal antibody.
US-10-321-587-6
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Patent NO. US20020094966A1
GENERAL INFORMATION:
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPRENCE 29996.488/P001-A
CURRENT FILING DATE: 2001-04-04
                  APPLICAMT: Serrero,

APPLICAMT: Serrero,

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPRENCE: 2996.488/P001.A.

CURRENT APPLICATION NUMBER: US/10/321,587

CURRENT FILING DATE: 2002.12-18

PRIOR APPLICATION NUMBER: US/08/991,862

PRIOR APPLICATION NUMBER: US/08/991,862

PRIOR APPLICATION NUMBER: 08/683,862

PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 6

LENGTH: 19
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100.0%; Pred. No. 1.9e-06;
iive 0; Mismatches 0;
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Best Local Similarity 100.0
Matches 19, Conservative
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Best Local Similarity 100.
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Human GP88 cDNA
US-09-813-156-17
                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Human granulin
        GENERAL INFORMATION:
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US-09-824-807-17
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US-09-813-156-17
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US-10-321-587-17
Sequence 17, Application US/10321587
Sequence 17, Application US/10321587
Publication No. US20030215445A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: 8 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TILE REFERENCE: 29996 488/P001-A
CURRENT FILING DATE: 2002-12-18
PRIOR APPLICATION NUMBER: US/08/991,862
PRIOR APPLICATION NUMBER: US/08/991,862
PRIOR APPLICATION NUMBER: US/08/991,862
PRIOR APPLICATION NUMBER: US/08/991,862
PRIOR FILING DATE: PRIOR
FILING DATE: PRIOR
SIGNING DATE: PRIOR
SIGNING APPLICATION NUMBER: US/08/991,862
PRIOR FILING DATE: PRIOR
SIGNING DATE: PRIOR
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SIGNING DATE: PRIOR
SIGNING DATE:
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Sequence 1416, Application US/09925301

Factor to US2002005308A1

GENERAL INFORMATION:

APPLICANT: ROSen et al.

TILLS OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA106

CURRENT APPLICATION NUMBER: US/09/925,301

CURRENT FILING DATE: 2001-08-10

FRIOR APPLICATION NUMBER: PCT/US00/05882

PRIOR FILING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 1694

SOFTWARE: PALCHIN VETE: 1999-03-12

SOFTWARE: PALCHIN VET: 2.0

SEQ ID NO 1416
                                                                                                                                                      100.0%; Score 98; DB 14; Length 593; 100.0%; Pred. No. 1.9e-06;
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Best Local Similarity 100.0
Matches 19; Conservative
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US-10-321-587-17
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US-09-925-301-1416
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-262-473-6
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Best Local Similarity
Matches 19; Conserv
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Sequence 6, Application US/10262473

Publication No. US2030199442A1

Sequence 7, Application US/10262473

Publication No. US2030199442A1

APPLICANT: Alsobacok, John,
APPLICANT: Burges, Catherine,
APPLICANT: Gorman, Linda,
APPLICANT: Reselia,
APPLICANT: Reselia, Mera,
APPLICANT: Reselia, Mera,
APPLICANT: Reselia, Loca,
APPLICANT: Reselia, Loca,
APPLICANT: Reselia, Daniel,
APPLICANT: Reselia, Loca,
APPLICANT: Reselia, Loca,
APPLICANT: Reselia, Loca,
APPLICANT: Reselia, Loca,
APPLICANT: Spytek, Ximberly,
APPLICANT: Spytek, S
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Publication No. US20030108950A1

GENERAL INFORMATION:

APPLICANT: Serreto, Ginette

TITLE OF INVENTION:

TITLE REFERENCE: 2996.488/P001-A

CURRENT APPLICATION NUMBER: US/0281,160

CURRENT FILING DATE: 1998-08-17

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 17

LENGTH: 593
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Query Match
100.0%; Score 98; DB 14; Length 593;
Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 19; Conservative 0; Mismatches 0; Indels 0
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ORGANISM: Human GP88 cDNA
                                                                                                                                                                                                                                                                                                                                                                                          RESULT 11
US-10-281-160-17
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RESULT 15
US-09-813-156-2
; Sequence 2. Application US/09813156
; Patent No. US200206185941
; GENERAL INFORMATION:
; APPLICANT: Serrect, dinette
; TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REFERENCE: Z9996.488/P001-A
; CURRENT FILING DATE: 2001-03-1,862
; PRIOR FILING DATE: 1997-12-16
; PRIOR FILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 589
                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-09-813-156-2
374 EKAPAHLSLPDPQALKRDV 392
qq
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Search completed: March 26, 2004, 12:48:35 Job time: 43.5846 secs

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Gaps ő

Query Match 51.0%; Score 50; DB 9; Length 589; Best Local Similarity 61.1%; Pred. No. 35; Matches 11; Conservative 1; Mismatches 6; Indels

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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- protein search, using sw model OM protein Run on:

March 26, 2004, 12:27:45; Search time 31.2308 Seconds (without alignments) 117.297 Million cell updates/sec

US-09-824-647-5 73 1 SARGTKCLRKKIPR 14 Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

1065169 seqs, 261661801 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW PUB.pep:*
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9: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
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14: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	ne n	Sequence 5, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Seguence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 6, Appli	Sequence 1416, Ap	Sequence 7, Appli				
	ΩI	US-09-813-156-5	US-09-824-807-5	US-09-824-647-5	US-10-218-509-5	US-10-281-160-5	US-10-321-587-5	US-09-813-156-2	US-09-824-807-2	US-09-824-647-2	US-10-218-509-2	US-10-281-160-2	US-10-321-587-2	US-10-262-473-6	US-09-925-301-1416	US-09-813-156-7
	DB	. 6	σ	σ	14	14	15	σ	თ	σ	14	14	15	14	σ	0
	Query Match Length DB	14	14	14	14	14	14	589	589	589	589	589	589	593	621	14
₩	Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	79.5	79.5	72.6
	Score	73	73	73	73	73	73	73	73	73	73	73	73	58	58	53
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99-824-807- 10-218-1509 10-321-587 10-321-587 10-321-587 10-321-587 10-321-587 10-321-589 10-321-58	US-10-091-166B- US-10-091-166B- US-10-272-121-1 US-10-272-121-7 US-10-409-366-7 US-10-409-366-7 US-10-409-362-7
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ALIGNMENTS

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NS-09-813-156-5

Sequence 5, Application US/09813156

Sequence 5, Application US/09813156

Sequence 5, Application US/09813156

GENERAL INFORMATION:

APPLICANT: Serrero, Ginette

TITLE OF INVENTION: BR KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REPERENCE: 29956, 488 / P001-A

CURRENT APPLICATION NUMBER: US/09/813,156

CURRENT APPLICATION NUMBER: US/09/813,156

PRIOR APPLICATION NUMBER: 08/991, 862

PRIOR APPLICATION NUMBER: 08/991, 862

PRIOR PELING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PARCHIN UVET: 2.0

SEQ ID NO 5: LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)..(14)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0%; Pred. No. 6.9e-06;
Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: mouse granulin
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1 SARGIKCLRKKIPR 14

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RESULT 2

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US-10-281-160-5
US-10-281-160-5
US-10-281-160-5
Sequence 5, Application US/10281160
Sequence 5 Application No. US20030108950A1
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TILE REFERENCE: 25996-488 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 25996-488 FP001-A
CURRENT APPLICATION NUMBER: US/10/281,160
CURRENT FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SOFTWARE: Patentin Ver. 2.0
                          Sequence 5. Application US/10218509
| Sequence 5. Application US/10218509
| Sequence 5. Application No. US20030092661A1
| Publication No. US20030092661A1
| GENERAL INFORMATION:
| APPLICANT: Serrero, Ginette
| TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| FILE REPERENCE: Z9996.488 F001.A
| CURRENT PILLING DATE: US/10/218,509
| CURRENT PILLING DATE: 1998-08-17
| PRIOR APPLICATION NUMBER: 08/991,862
| PRIOR APPLICATION NUMBER: 08/991,862
| PRIOR PILLING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SEQ ID NOS: 17
| SEQ ID NO 5
| LENGTH: 14
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COTHER INFORMATION: Internal peptide of mouse GP88 used to raise the COTHER INFORMATION: antisera against the GP88 used in the COTHER INFORMATION: immunoaffinity step.
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1.0CATION: (1)...(14)
7.0THER INFORMATION: Internal peptide of mouse GPBB used to raise the OTHER INFORMATION: antisera against the GPBB used in the OTHER INFORMATION: ammunoaffinity step.
1.0-281-160-5
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Best Local Similarity 100.0%; Pred. No. 6.9e-06;
Matches 14; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0
Matches 14, Conservative
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ORGANISM: mouse granulin
FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)..(14)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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US-09-824-647-5
US-08-824-647-6
US-08-824-647-648-6
US-08-824-647-648-6
US-08-824-648-6
US-08-824-648-6
US-08-824-648-6
US-08-824-6
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US-09-824-807-5
; Sequence 5, Application US/09824807
; Patent NO. USZ0020094966A1
; GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REPERENCE: 29996.488/POOL-A
; CURRENT APPLICATION NUMBER: US/09/824,807
; CURRENT APPLICATION NUMBER: US/99/824,807
; PRIOR PILING DATE: 1997-12-16
; PRIOR FILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 5: 17
; SEQ ID NO 5: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: PEPTIDE
LOCATION: (1)..(14)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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LOCATION: (1)..(14)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the
OTHER INFORMATION: antisera against the GP88 used in the
OTHER INFORMATION: immunoaffinity step.
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Best Local Similarity 100.0%; Pred. No. 6.9e-06;
Matches 14; Conservative 0; Mismatches 0; Indels
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100.0%; Score 73; DB 9; L
Best Local Similarity 100.0%; Pred. No. 6.9e-06;
Matches 14; Conservative 0; Mismatches 0;
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US-09-824-807-5

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TYPE: PRT

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US-09-824-647-5

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Sequence 2, Application US/09824647

Publication No. US2020183270A1

GENERAL INFORMATION:
APPLICANT Serrero, Ginette

ITILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 2996.488/P001-A

CURRENT FILING DATE: 2001-04-04

PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: 08/991,862

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/963,862

PRIOR FILING DATE: BARLIER FILING DATE: 1998-06-17

PRIOR FILING DATE: BARLIER FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PALENTH Ver. 2.0

SEQ ID NO 2

LENGTH: 589
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Publication No. US20030092661A1
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: Z9996.488/P001.A
CURRENT APPLICATION NUMBER: US/10/218,509
CURRENT FILING DATE: 2002-08-15
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PLING DATE: 1998-08-17
PRIOR PLING DATE: 1998-08-17
PRIOR PLING DATE: 1998-08-15
PRIOR PLING DATE: 1997-05-23
APPLICANT: Serrer, Ginette
TITLE DO INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS
FILE REFERENCE: 2996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/824,807
CURRENT FILING DATE: 2001-04-04
PRIOR PILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOPTWARR: Patentin Ver: 2.0
SEQ ID NO : 2.0
LENGTH: 589
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; ORGANISM: Mouse epithelin/granulin
US-09-824-647-2
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Best Local Similarity 100.
Matches 14; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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                                               Sequence 5, Application US/10321587
Publication No. US20030215445A1
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPRENCE: 2996-488/P001-A
CURRENT APPLICATION NUMBER: US/10/321,587
CURRENT FILING DATE: 2002-12-18
PRIOR PLICATION NUMBER: US/08/991,862
PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: (1)...(14)
CTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the CHER INFORMATION: immunoaffinity step.
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APPLICANT: Serrero, Ginette
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 25996.468 (PP001-A)
CURRENT APPLICATION NUMBER: US/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 08/963,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NOS: 17
SEQ ID NOS: 17
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US-09-813-156-2
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Patent No. US20020094966A1
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Best Local Similarity 100.0%;
Matches 14; Conservative 0;
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Matches 14; Conservative
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TYPE: PRT
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US-09-824-807-2
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LENGTH: 14
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RESULT 14
US-09-925-301-1416
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Sublication No. US20030108950A1

GENERAL INFORMATION:

APPLICATION

TITLE OF INVENTION 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 29996.488/P001-A

CURRENT APPLICATION NUMBER: US/08/991,862

PRIOR PRING DATE: 1998-08-17

PRIOR PLING DATE: 1998-08-17

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 2

LENGTH: 589
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Local Similarity 100.0%; Score 73; DB 14; Length 589;
Local Similarity 100.0%; Pred. No. 0.00027;
hes 14; Conservative 0; Mismatches no manal
                                                                                                       Query Match
Best Local Similarity 100.0%; Score 73; DB 14; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.00027;
Matches 14; Conservative 0; Mismatches 0; Indels
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; ORGANISM: Mouse epithelin/granulin
US-10-281-160-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Mouse epithelin/granulin US-10-321-587-2
                                                ; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-10-218-509-2
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Matches 14; Conservative
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
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US-10-281-160-2
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APPLICANT: Alsobrook, John,
APPLICANT: Burgess, Catherine,
APPLICANT: Burgess, Catherine,
APPLICANT: Burgess, Catherine,
APPLICANT: Goo, Xiaojia,
APPLICANT: Lepley, Denise,
APPLICANT: Ratturajan, Meera,
APPLICANT: Rastelli, Luca,
APPLICANT: Chong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHON
FILE REPREMENCE: 2402-462B
CURRENT APPLICATION NUMBER: US/10/262,473
CURRENT PILLING DATE: 2003-01-28
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies FILE REPERENCE: PAIGO
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR PILING DATE: 2000-03-08
PRIOR PILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
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Pred. No. (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/32, 917
PRIOR FILING DATE: 2001-10-09
PRIOR PEPLICATION NUMBER: 60/328,029
PRIOR PELING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,056
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-29
PRIOR FILING DATE: 2001-10-29
PRIOR APPLICATION NUMBER: 60/349,575
PRIOR FILING DATE: 2001-10-29
PRIOR FILING DATE: 2002-05-16
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; Patent No. US20020052308A1
Sequence 6, Application US/10262473 Publication No. US20030199442A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 22
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 6
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71.4%;
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Best Local Similarity 71.4<sup>3</sup>
Matches 10; Conservative
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ORGANISM: Homo sapiens
US-09-925-301-1416
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Search completed: March 26, 2004, 12:48:34 Job time: 31.4308 secs

3 RGTKCLRKKIPR 14

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March 26, 2004, 12:27:45 ; Search time 26.7692 Seconds (without alignments) 117.297 Million cell updates/sec
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/cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep:*
/cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*
/cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep:*
/cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep:*
/cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep:*
/cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*
/cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*
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1: /can2_6/ptodata/2/pubpaa/NCT_PUBCOMB.pep:*

2: /can2_6/ptodata/2/pubpaa/NCT_NEW_PUB.pep:*

3: /can2_6/ptodata/2/pubpaa/NCS0_NEW_PUB.pep:*

4: /can2_6/ptodata/2/pubpaa/NCS0_PUBCOMB.pep:*

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9: /can2_6/ptodata/2/pubpaa/NCS0_PUBCOMB.pep:*

10: /can2_6/ptodata/2/pubpaa/NCS0_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1065169 seqs, 261661801 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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69
1 PDAKTQCPDDST 12
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Maximum DB seq length: 200000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 4, Appli	Seguence 4, Appli	Sequence 2, Appli	Sequence 17, Appl	Sequence 17, Appl	Sequence 17, Appl									
COLUMN TO COLUMN	ΩI	US-09-813-156-4	US-09-824-807-4	US-09-824-647-4	US-10-218-509-4	US-10-281-160-4	US-10-321-587-4	US-09-813-156-2	US-09-824-807-2	US-09-824-647-2	US-10-218-509-2	US-10-281-160-2	US-10-321-587-2	US-09-813-156-17	US-09-824-807-17	US-09-824-647-17
	DB	5	σι	σ	14	14	15	σ	σ	σ	14	14	15	σ	0	6
	% Query Match Length DB	12	12	12	12	12	12	589	589	589	589	589	589	593	593	593
	% Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	73.9	73.9	73.9
	Score	69	69	69	69	69	69	69	69	69	69	69	69	51	51	51
	Result No.		01	m	4	ហ	w	7	œ	σι	10	11	12	13	14	15

Sequence 17, Appl	17	ģ	Sequence 17, Appl	141	e 192	Sequence 8, Appli	25	Sequence 61669, A	Sequence 44137, A	e 176	Sequence 129, App	211	170	54008	Sequence 6817, Ap	Sequence 169801,	Sequence 231113,	Sequence 130, App	Sequence 46784, A	Sequence 37818, A	Sequence 33414, A	Sequence 186411,	Sequence 51428, A	Seguence 61149, A	Sequence 2307, Ap	Sequence 13, Appl	107	Sequence 145, App	
14 US-10-218-509-17	US-10-281	4	15 US-10-321-587-17		ഗ	v	5 US-10-369-493-	O		12 US-10-424-599-176853	US-09-789-561-	US-09-833-245		US-10-425-114	15 US-10-369-493-6817	US-10-424-599	US-10-424-599	US-10-393-84(US-10-425-114	9 US-09-864-761-37818	14 US-10-029-386-33414	12 US-10-424-599-186411	US-10-425-11	US-10-282-123	US-10-104-047	US-10-168-659-13	US-10-369-493-10	14 US-10-133-128-145	14 US-10-289-660-145
593	593									93	94	94	706	726	1283	79	115	118	193	398	416	418	431	791	791	1220	356	38	38
73.9	73.9	73.9	73.9	73.9	63.8	62.3	62.3	58.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	52.9	52.2	52.2
51	51	51	51	21	44	43	4.	40	38	38	38	38	38	38	38	37	37	37	37	37	37	37	37	37	37	37	36.5	36	36
91	17	18	19	20	21	22	23	24	25	26	27	28	59	30	31	32	33	34	35	36	37	38	33	40	41	42	43	4	45

ALIGNMENTS

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US-09-813-156-4

Sequence 4, Application US/09813156

Patent No. US2002061859A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
FILE REFERENCE: 29996.488/P001-A

FILE REFERENCE: 29996.488/P001-A

FURENT APPLICATION NUMBER: US/09/813,156

CURRENT FILING DATE: 1997-12-16

PRIOR FILING DATE: 1997-12-18

PRIOR FILING DATE: 1997-05-23

PRIOR FILING DATE: 1997-05-23

FRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 4

SEQ ID NO 4

SEQ ID NO 4

LEBUTH: 12

TYPE: PRT

TYPE: PRT

COGADINICH: mouse granulin
FEATURE:
NAME/KEY: PEPTIDE

COGADINICH: INFORMATION: Internal peptide of mouse GP88 used to raise the COTHER INFORMATION: untisera against the GP88 used in the COTHER INFORMATION: immunoaffinity step.

OTHER INFORMATION: immunoaffinity step.

US-09-813-156-4

QUETY MATCH

QUETY MATCH

QUETY MATCH

BEST LOCAL SIMILIARITY 100.0%; Pred. NO. 9.26-05;

MATCHES INPORPATION: MATCHES O; Indels O; GADS

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RESULT 2

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Sequence 4, Application US/10218509;
Publication No. US20030092661A1
GENERAL INFORMATION:
APPLICANT: Serreto, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TILE REFERENCE: 2996 488/F001-A
CURRENT PELING DATE: 108/F001-B
CURRENT FILING DATE: 108/F001-B
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PELING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTING DATE: 1997-05-3
SOFTWARE: PATENTING DATE: 1097-05-3
SOFTWARE: PATENTING DATE: 1097-05-3
SOFTWARE: PATENTING DATE: 1097-05-3
SOFTWARE: PATENTING DATE: LEIDING D
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; Bublication No. US20330108950A1
; General INFORMATION:
APPLICANT: Serrero, Ginette
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REFERENCE: 2996.488/P001-A
; CURRENT PILLING DATE: 2002-10-28
; PRIOR APPLICATION NUMBER: US/08/991,862
; PRIOR APPLICATION NUMBER: US/08/991,862
; PRIOR APPLICATION NUMBER: 08/863,862
; PRIOR APPLICATION NUMBER: 08/863,862
; RING APPLICATION NUMBER: 08/863,862
; RING FILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 4
; LENGTH: 12
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LOCATION: (1)..(12)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (1)...(12)
COTHER INFORMATION: Internal peptide of mouse GP88 used to raise the CTHER INFORMATION: antisera against the GP88 used in the CTHER INFORMATION: immunoaffinity step.
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Best Local Similarity 100.0%; Pred. No. 9.2e-05;
Matches 12; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity luv...
Thes 12; Conservative
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ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-281-160-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
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US-09-824-647-4
i Sequence 4, Application US/09824647
i Sequence No. US2020183270A1
i GENERAL INFORMATION:
i APPLICATION:
i TILE OF INVENTION:
i TILE OF INVENTION:
i FILE REFERENCE: Z9996.488/P001-A
i CURRENT FILING DATE: 2001-04-04
i PRIOR FILING DATE: EARLIER PPLICATION NUMBER: 08/991,862
i PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17
i PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17
i PRIOR FILING DATE: EARLIER FILING DATE: 1997-05-23
i NUMBER OF SEQ ID NOS: 17
i SEQ ID NO 4
i ENGTH: 12
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                                                                                          APPLICANT: Series.

APPLICANT: Series.

APPLICANT: Series.

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996.488/P001.A

FILE REPERENCE: 2001-04-04

PRIOR APPLICATION NUMBER: U8/991,862

PRIOR FILING DATE: 1997-12-16

PRIOR FILING DATE: 1997-12-16

PRIOR FILING DATE: 1997-05-23

NUMBER: OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 4

LENGTH: 12
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NAME/KEY: DEPTIDE
LOCATION: (1)..(12).
CTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: (1)...(12)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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100.0%; Score 69; DB 9; L
Best Local Similarity 100.0%; Pred. No. 9.2e-05;
Matches 12; Conservative 0; Mismatches 0;
Sequence 4, Application US/09824807
Patent No. US20020094966A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 12, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: mouse granulin
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MS-10-321-587-4

10S-10-321-587-4

1 Sequence 4, Application US/10321587

1 Sequence 4. Application US/203215445A1

2 Sequence 4. Application NO US20030215445A1

3 GENERAL INFORMATION:

A APPLICANT: Serrero, Ginette

1 TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

1 FILE REFERENCE: 29996.488/P01.A.

CURRENT APPLICATION NUMBER: US/10/321,587

CURRENT FILING DATE: 2002-12-18

PRIOR PILING DATE: PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

NUMBER OF SEQ ID NOS: 17

SOFTWARE PATENTING VERIENCE FILING DATE: 1997-05-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LOCATION: (1)...(12)
; OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the ; OTHER INFORMATION: antisera against the GP88 used in the ; OTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Serretor, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILER OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILER REPRENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/813,156
FRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR APPLICATION NUMBER: 08/863,862
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 69; DB 15; Length 12; Best Local Similarity 100.0%; Pred. No. 9.2e-05; Matches 12; Conservative 0; Mismatches 0; Indels
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US-09-813-156-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 2, Application US/09813156
; Patent No. US20020061859A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 2, Application US/09824807; Patent No. US20020094966A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: mouse granulin
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LENGTH: 589
TYPE: PRT
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US-09-813-156-2
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LENGTH: 12
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GENERAL INFORMATION: Ginetie Wighter Cachering APPLICANT: SETEMBREET 2009, 6.486 PROIS. A PERIOD AND SETEMBREET 2009, 6.486 PROIS. A PERIOD APPLICANT: SETEMBREET 2009, 6.486 PROIS. A PERIOD APPLICATION NUMBER: 106/991,862

PRIOR PRIOR APPLICATION NUMBER: 106/991,862

PRIOR PRIOR DATE: 1097-12-16

PRIOR APPLICATION NUMBER: 106/991,862

PRIOR PRIOR DATE: 1097-12-16

PRIOR PRIOR DATE: 1090-17-16

PRIOR PRIOR DATE: 1090-17-16

PRIOR PRIOR DATE: 1090-14-16

PRIOR PRIOR DATE: 1090-14-16

PRESULT 9. CORSETVATIVE 0. MISSERECHES 00/991,862

PRESULT 9. CORSETVATIVE 0. MISSERECHES 00/991,862

PRESULT 9. CORSETVATION: 8 KDA TUTORICENIC GNOWIP FACTOR AND ANTAGONISTS

TITLE OF INVANION: 8 KDA TUTORICENIC GNOWIP FACTOR AND ANTAGONISTS

TITLE OF INVANION: 8 KDA TUTORICENIC GNOWIP FACTOR AND ANTAGONISTS

TITLE OF INVANION: 8 KDA TUTORICENIC GNOWIP FACTOR AND ANTAGONISTS

PRIOR PRIOR PRIOR DATE: 2096,486-1900-4

CORRESTY FILING DATE: 2096,486-1900-4

CORRESTY FILING DATE: 2096,486-1900-4

CORRESTY FILING DATE: 2096,486-1900-4

MARCHES DI NOS: 17

SOFTWARE PRESENCE: 5096,488-100-194 BALIER PRIOR DATE: 1097-05-22

PRIOR PRIOR PRIOR DATE: BALIER PRIOR DATE: 1097-05-22

PRIOR PRIOR PRIOR DATE: BALIER PRIOR DATE: 1097-06-23

PRIOR PRIOR PRIOR DATE: 2.0

SOFTWARE PRESENCE: 5096,488-100-194 BALIER PRIOR DATE: 100-104 BALIER PRIOR DA
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1 PDAKTOCPDDST 12
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US-09-813-156-17
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Publication No. US2003021545A1

Publication No. US2003021545A1

FURDINGATION:

APPLICANT: Serrero, Ginette

ITILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 2996.488/P001-A

CURRENT FILING DATE: 2002-12-18

PRIOR PILING DATE: 2002-12-18

PRIOR FLING DATE: PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 2

IEBNGTH: 589
                                                                                                                                                                                                                                                                                                                                                                                                          | Sequence 2, Application US/10281160 |
| Sequence 2, Application US/10281160 |
| Publication No. US20030108950A1 |
| GRUERAL INFORMATION: Ginette |
| TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS |
| FILE REFERENCE: 2996.488/P001-A8 |
| CURRENT PLING DATE: 1998.08-17 |
| PRIOR APPLICATION NUMBER: US/10/281,160 |
| PRIOR APPLICATION NUMBER: US/10/991,862 |
| PRIOR APPLICATION NUMBER: 08/863,862 |
| PRIOR PILING DATE: 1997-05-23 |
| NUMBER OF SEQ ID NOS: 17 |
| SOFTWARE: PatentIn Ver: 2.0
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100.0%; Score 69; DB 14; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.0053;
Matches 12; Conservative 0; Mismatches 0; Indels (
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100.0%; Score 69; DB 14; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.0053;
Matches 12; Conservative 0; Mismatches 0; Indels (
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; ORGANISM: Mouse epithelin/granulin
US-10-321-587-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , ORGANISM: Mouse epithelin/granulin
US-10-281-160-2
                                                                                           ; ORGANISM: Mouse epithelin/granulin
US-10-218-509-2
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
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ID NO 2
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US-10-281-160-2
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US-10-321-587-2
                                                                    TYPE: PRT
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Sequence 17, Application US/09813156

Facent No. US2002006185941

GENERAL INFORMATION:
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GENERAL INFORMATION:
FILE REFERENCE: 2996.488/P001-A
CURRENT PILLING DATE: 2901-21
FRIOR APPLICATION NUMBER: 08/991,862
FRIOR APPLICATION NUMBER: 08/991,862
FRIOR APPLICATION NUMBER: 08/991,862
FRIOR APPLICATION NUMBER: 08/991,862
FRIOR PILLING DATE: 1997-12-16
FRIOR PILLING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 593
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Serrero, Ginette
ITILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: 05/09/824,807
CURRENT PILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PILING DATE: 1997-10-12
PRIOR PILING DATE: 1997-10-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 17
LENGTH: 593
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Pred. No. 4.6;
3; Mismatches 1; Indels
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Sequence 17, Application US/09824807

Fatent No. US20020094966A1

GENERAL INFORMATION:
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Best Local Similarity 66.7%;
Matches 8; Conservative
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Best Local Similarity 66.75
Matches 8; Conservative
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208 PDAKTOCPDDST 219
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US-09-813-156-17
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; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS; FILE REFERENCE: Z9996.488/P001-A; CURRENT PEPLICATION NUMBER: US/09/824,647; CURRENT PEPLICATION NUMBER: US/09/824,647; CURRENT FILING DATE: 2001-0-40.645; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 08/991,862; PRIOR FILING DATE: EARLIER FILING DATE: 1999-08-17; PRIOR PLING DATE: EARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; SCTWARE: PARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; SCTWARE: Patentin Ver. 2.0; SEQ ID NO 17; LENTH: 593; TYPE: PRI CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 1997-05-23; NUMBER OF SEQ ID NOS: 17; CARLIER FILING DATE: 19
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Search completed: March 26, 2004, 12:48:34 Job time : 27.9692 secs

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US-09-813-156-3
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2: /cgn2_6/ptodata/2/pubpaa/PCT NWW PUBL Pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 3, Appli	Sequence 3, Appli	Sequence 3, Appli		Sequence 3, Appli		~	Sequence 2, Appli	Sequence 2, Appli		Seguence 2, Appli		Sequence 11, Appl	Sequence 60601, A	Sequence 1, Appli
	ID	US-09-813-156-3	US-09-824-807-3	US-09-824-647-3	US-10-218-509-3	US-10-281-160-3	US-10-321-587-3	US-09-813-156-2	US-09-824-807-2	US-09-824-647-2	US-10-218-509-2	US-10-281-160-2	US-10-321-587-2	US-09-800-971-11	US-10-425-114-60601	US-10-226-844-1
	DB	6	0	σ	14	14	15	თ	σ	σı	14	14	15	σ	12	14
	Query Match Length DB	911	4	4	19	19	19	589	589	589	589	589	589	92	189	824
þ	Query Match	100.0	100.0	100.0	100.0	100.0	100.0	92.7	92.7	92.7	92.7	92.7	92.7	49.0	49.0	47.9
	Score	96	96	96	96	96	96	89	89	89	89	68	89	47	47	46
	Result No.		7	м	4	ហ	9	7	80	თ	10	11	12	13	14	15

Sequence 58, Appl	e O	ý		ģ	9	9	9	н	Sequence 17, Appl	equence 17	17	Н	Η.	Sequence 6, Appli	Sequence 17, Appl	Sequence 3753, Ap	Sequence 1416, Ap	Sequence 58733, A		Seguence 70140, A	Sequence 65495, A	Sequence 71267, A	5	'n	4	o o	ώ	Sequence 8, Appli	Sequence 31, Appl
14 US-10-210-951-58	4 US-10-211-884-5	US-09-813-1	-09-824-807	US-09-82	4 US-10-218	28.	5 US-10-323)-12(US-09-813	4-807	US-09-824-6	US-10-218-509-1	14 US-10-281-160-17	US-10-262-473	US-10-321-	15 US-10-369-493-3753	925	3-10-425-114-5	US-10	US-10	US-10	US-10-425-114-712	US-10-369-493-21		9-849-138		-797-	-09-849-13	10 US-09-849-138-31
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16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	3.7	38	39	40	41	42	4.3	44	45

ALIGNMENTS

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Sequence 3, Application US/09813156

Patent No. USZOGO20661859A1

APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILER REFERENCE: 25996.488/P001-A
CURRENT PILING DATE: 2001-03-21

PRIOR PELICATION NUMBER: US/09/813,156

CURRENT PELING DATE: 1997-12-16

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PALENTIN NUMBER: 08/863,862

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PALENTIN NUMBER: 08/863,862

PRIOR FILING DATE: 1997-05-23

LENGTH: 19

TYPE: PRT

ORGANISM: mouse granulin
FRATURE:
NAME/KEY: PEPTIDE

LOCATION: (1)..(19)

OTHER INFORMATION: inmunoaffinity step.

US-09-813-156-3

Query Match

OTHER INFORMATION: inmunoaffinity step.

US-09-813-156-3

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps

| KKVIAPRRIPDPQILKSDT 19

Db 1 KKVIAPRRIPDPQILKSDT 19
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RESULT 2

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GENERAL INFOCRATION: Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29964-484 POOL-A
CURRENT APPLICATION NUMBER: US/10/281,160
CURRENT FILING DATE: 2002-10-28
PRIOR APPLICATION NUMBER: US/08/991,862
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: PEPTIDE

LOCATION: (1)...(19)

COTHER INFORMATION: Internal peptide of mouse GP88 used to raise the

COTHER INFORMATION: antisera against the GP88 used in the

COTHER INFORMATION: immunoaffinity step.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%; Score 96; DB 14; Length 19;
Best Local Similarity 100.0%; Pred. No. 5e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 3, Application US/10281160; Publication No. US20030108950A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: mouse granulin FEATURE:
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Best Local Similarity
Matches 19; Conserv
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US-10-281-160-3
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Sequence 3. Application US/09824807

Patent No. US20020094966A1

GENERAL INFORMATION:

APPLICANT Serrero, Ginette

TITLE OF INVENTION 88 KDA TUMORICENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 29996.488/P001-A

CURRENT APPLICATION NUMBER: US/09/824,807

CURRENT FILING DATE: 1997-12-16

PRIOR PRING DATE: 1997-12-16

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3

LENGTH; 19
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TITLE OF INVENTION 188 KDA THORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION 188 KDA THORIGENIC GROWTH FACTOR AND ANTAGONISTS
CURRENT APPLICATION NUMBER: US/09/824,647
CURRENT FILING DATE: 2001-04-04
PRIOR PILING DATE: EARLIER APPLICATION NUMBER: 08/991,862
PRIOR PILING DATE: EARLIER FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: EARLIER PILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFFWARE: PALENTING DATE: 1997-05-23
LENGTH: 19
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COTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the COTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: PEPTIDE
LOCATION: (1)..(19)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 96; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 5e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/09824647 Publication No. US20020183270A1 GENERAL INFORMATION:
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NESCUENCE 2, APDIJCATION US/09824647

| Sequence 2, ApDIJCATION WO. US20020183270A1
| PUBLICATION WO. US20020183270A1
| GENERAL INFORMATION:
| APPLICANT: Serrezc, Ginette
| TITLE OF INVENTION: 8 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TITLE OF INVENTION: 8 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TITLE OF INVENTION: 8 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| CURRENT APPLICATION NUMBER: US/09/824,647
| CURRENT APPLICATION NUMBER: DASLIER APPLICATION NUMBER: 08/991,862
| PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17
| PRIOR FILING DATE: BARLIER FILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE PARENTIN Ver. 2.0
| SEQ ID NO 2
| LENGTH: 589
GENERAL INFORMATION:
APPLICANT: Seriesco, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/824,807
CURRENT PILING DATE: 2001-04-04
PRIOR FILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
MANNER DATE: 1097-12-16
SEQ ID NO 2
LENGTH: 1899
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Pred. No. 2.1e-05;
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92.7%; Score 89; DB 9;
Best Local Similarity 94.7%; Pred. No. 2.1e-0!
Matches 18; Conservative 0; Mismatches
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Best Local Similarity 94.7%; Pri
Matches 18; Conservative 0;
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Patent No. US20020061859A1

GENERAL INFORMATION:

APPLICANT: Sexreto, Ginette

TITLE OF INVENTION:

FILE REPRESENCE: 22996.4881/P001-A

CURRENT APPLICATION NUMBER: 08/991,862

PRIOR PELICATION NUMBER: 08/991,862

PRIOR PLING DATE: 1997-12-16

PRIOR P
                                                                                             Sequence 3, Application US/10321587;
Publication No. US20030215445A1
General INFORMATION:
GENERAL INFORMATION:
APPLICANT SETERC, Ginete
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996 488/P001-A
CURRENT APPLICATION NUMBER: US/10/321,587
CURRENT FILING DATE: 2022-12-18
PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR PLING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
: ENGTHAL: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAMEZ/KEY: PEPTIDE
1. LOCATION: (1). (19)
2. OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the US-10-321-587-3
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100.0%; Score 96; DB 15; Length 19;
Best Local Similarity 100.0%; Pred. No. 5e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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Pred. No. 2.1e-05;
0; Mismatches 1
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Best Local Similarity 94.7%;
Matches 18; Conservative 0
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ORGANISM: mouse granulin
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 7
US-09-813-156-2
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344 KKVIAPLRLPDPQILKSDT 362
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US-10-425-114-60601
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US-09-800-971-11
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| Sequence 2, Application US/10321587 |
| Sequence 2, Application US/10321587 |
| Publication No. US20030215445A1 |
| Publication No. US20030215445A1 |
| APPLICANT: Serrero, Ginette |
| APPLICANT: Serrero, Ginette |
| TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS |
| FILE REFERENCE: 25996.488/P010-A |
| CURRENT APPLICATION NUMBER: US/10/321,587 |
| CURRENT APPLICATION NUMBER: US/863,862 |
| PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17 |
| PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23 |
| NUMBER OF SEQ ID NOS: 17 |
| SOFTWARE: Patentin Ver. 2.0 |
| LENGTH: 589 |
| TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                  US-10-281-160-2

| Sequence 2, Application US/10281160
| Sequence 2, Application US/10281160
| Publication No. US20030108950A1
| GENERAL INFORMATION:
| APPLICANT: Serrero, Ginette
| TITLE OF INVENTION: 88 KDA THOMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| FILE REPERENCE: 28996.488/P001-A
| CURRENT APPLICATION NUMBER: US/10/281,160
| CURRENT PILING DATE: 2002-10-28
| PRIOR FILING DATE: 1998-08-17
| PRIOR FILING DATE: 1998-08-17
| PRIOR FILING DATE: 1999-05-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 2
| LENGTH: 589
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92.7%; Score 89; DB 14;
Best Local Similarity 94.7%; Pred. No. 2.1e-05;
Matches 18; Conservative 0; Mismatches 1
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92.7%; Score 89; DB 14;
Best Local Similarity 94.7%; Pred. No. 2.1e-05;
Matches 18; Conservative 0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT ; ORGANISM: Mouse epithelin/granulin US-10-281-160-2
                                                                                          ) ORGANISM: Mouse epithelin/granulin
US-10-218-509-2
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SOFTWARE: Patentin Ver. 2.
                         SEQ ID NO 2
LENGTH: 589
                                                                           TYPE: PRT
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Sequence 66001, Application US/10425114

Sequence 66001, Application NS/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: NUMBER: US/10/425,114

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 60601

LENGTH: 189
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General In Application US/09800971

Factor No. US20020098577A1

GENERAL INFORMATION:
APPLICATION: A Meyers
APPLICATION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16446-023001

CURRENT APPLICATION NUMBER: US/09/800,971

CURRENT FILING DATE: 2000-03-09

PRIOR FILING DATE: 2000-03-09

NUMBER OF SEQ ID NOS: 11

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 11

LENGTH: 92
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US-10-425-114-60601
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Best Local Similarity 50.0%; Pred. No. 10;
Matches 9; Conservative 3; Mismatches
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ORGANISM: Artificial Sequence
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Best Local Similarity 47.1<sup>st</sup>
Matches 8; Conservative
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RESULT 1.

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WESULT 1.

WESULT 1.

Sequence 1, Application US/10226844

; Publication No. US/20030113764A1

; GENERAL INFORMATION:

APPLICANT: Bodary, Sarah C.

APPLICANT: Fisher, Karen L.

; TITLE OF INVENTION: COMPOSITIONS AND WETHODS FOR THE TREATMENT OF TUMORS

FILE REFERENCE: P173R1

; CURRENT PILICATION NUMBER: US/10/226,844

; CURRENT PILICATION NUMBER: US/09/627,202

PRIOR APPLICATION NUMBER: US/09/627,202

; PRIOR APPLICATION NUMBER: US 60/146,217

; PRIOR FILING DATE: 2000-07-27

; PRIOR FILING DATE: 1999-07-28

; NUMBER OF SEQ ID NOS: 22

; SEQ ID NO 1

LENGTH: 824

; TYPE: PRT

TYPE: PRT

US-10-226-844-1
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Best Local Similarity 43.8%; Pred. No. 1.4e+02;
Matches 7; Conservative 6; Mismatches 3; Indels
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Search completed: March 26, 2004, 12:48:33 Job time : 42.5846 secs

2 KVIAPRRLPDPQILKS 17 :|: ||||| |: :: 30 EVVLPRRLPGPRVRRA 45

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25012, A 23789, A 2483, Ap 2, Appli 7970, Ap 27362, A 27362, A 24259, A 6208, A 6208, A

Sequence Seq

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Sequence 6, Application US/08991862;
Patent No. 6309826
GANCE FARMER NO. 6309826
GANCE FARMER NO. 6309826
GANCE FARMER NORMAND SETTING SETTING
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Petent No. 6670183

ALL A PAPLICANT: Servero, Ginette
PITLE OF INVENTION: 8 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS
FILE REPERENCE: Z9996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PLING DATE: 1997-12-16
PRIOR PLING DATE: 1997-05-23
PRIOR PLING DATE: 1997-05-23
NUMBER OF SEC ID NOS: 17
SOFTWARE: PATENTIN Ver. 2.0
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TYPE: PRT
ORGANISM: Human granulin
FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1) .. (19)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-08-991-862-6
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Best Local Similarity 100.0%; Pred. No. 1.3e-09;
Matches 19; Conservative 0; Mismatches 0; Indels
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US-09-252-991A-23725
US-09-328-352-7970
US-09-328-352-7970
US-09-252-991A-24259
US-09-252-991A-24259
US-09-328-356-208
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US-08-328-356-208
US-08-338-356-208
US-08-338-336-208
US-08-338-336-208
US-08-338-336-208
US-08-338-336-208
US-08-338-334-2
US-08-338-334-2
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                                                                                                                                                                                                                                         March 26, 2004, 12:23:20; Search time 15:5897 Seconds (without alignments) 62.919 Million cell updates/sec
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Sequence 1
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/cgn2_6/ptodata/2/jaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/jaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/jaa/PCTUS_COMB.pep:*
                                                GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-489-039A-7819
US-09-252-991A-23421
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US-07-668-648-2
US-08-429-98-2
US-08-431-333-2
US-07-US91-02211-2
US-07-668-648-8
US-08-429-998-8
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US-08-429-998-4
US-08-431-333-4
US-08-991-862-17
US-09-813-156-17
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US-08-991-862-3
US-09-813-156-3
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PCT-US91-02321-6
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Maximum Match 100%
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seq length: 200000000
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Perfect score:
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Maximum DB
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; Patent No. 5885961
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                                                                                                     NAME/KEY: PEPTIDE

: LOCATION: (1)...(19)

: OTHER INFORMATION: Internal peptide of human GP88 used to develop

: OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.

US-09-813-156-6
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Sequence 4, Application US/07668648
Sequence 4, Application US/07668648
Sequence 4, Application US/07668648
Setent No. 5416192
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 98; DB 1; Length 593; 100.0%; Pred. No. 7.4e-08; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                             Query Match
100.0%; Score 98; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e-09;
Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: SIGNATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,929
REPERENCE/DOCKET NUMBER: 554-161-999
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-429-998-4
; Sequence 4, Application US/08429998
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 19; Conservative
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, MOLECULE TYPE: protein
US-07-668-648-4
                                     TYPE: PRT
ORGANISM: Human granulin
SEQ ID NO 6
LENGTH: 19
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TITLE OF INVENTION: EACHED
APPLICANT SHOWAD
APPLICANTON NUMBER: USORS
APPLICANTON NUMBER: 18,72
APPLICANT SHOWAD
APPL
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PatentIn Ver. 2.0
NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn Ver
SEQ ID NO 17
LENGTH: 593
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                                                                                                                                     US-09-813-156-17
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US-07-668-648-2
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Betent No. 6309826

GENERAL INFORMATION:
APPLICAMY: Serrero, Ginette
APPLICAMY: Serrero, Ginette
TITLE OF INVENTION: 88 kD4 TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/08/991, 862
CURRENT PILING DATE: 1999-08-17
EARLIER APPLICATION NUMBER: 08/863,862
BARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 17, Application US/09813156
Patent No. 6670183
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-05-23
PRIOR FILING DATE: 1997-05-23
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Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 19; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 19; Conservative 0; Mismatches 0;
                                                                                                                                                                                                              5624-161-999
       APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
                             FILING DATE: 27-APR-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                             NAME: Misrock, S. Leslie
REGIEVRATION UNDRER: 18,824
REFRENCK/DOCKET NUMBER: 5624
TELECOMMUNICATION INFORMATION:
TELEPHORE: (212) 790-9090
TELEPRAX: (212) 780-9090
TELEPRAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Human GP88 cDNA
US-08-991-862-17
                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-431-333-4
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US-08-991-862-17
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Sequence 4, Application PC/TUS9102321

GENERAL INFORMATION:

APPLICANT: Shoyab, Mohammed

APPLICANT: Plowman, Gregory D.

TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH

TITLE OF INVENTION: MODULATING PROTEINS

NUMBER OF SEQUENCES:

CORRESPENDENCE ADDRESS:

ADDRESSEE: Bristol-Myers Squibb Company
STREET: 3005 First Avenue

CITY: Seattle

STRIET: Washington

COUNTRY: USA

ZIP: 98121

CONTRY: USA

ZIP: 98121

COMPUTER: ISM PC Compatible

OFREATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: PCT/US91/02321

FILING DATE: 19910403

CLASSIFICATION NUMBER: 32,928

REFERENCE/DOCKET NUMBER: 32,928
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100.0%; Score 98; DB 5; 1
Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 19; Conservative 0; Mismatches 0;
                                                                                                                                               Query Match
Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 19; Conservative 0; Mismatches 0;
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Patent No. 5416192
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        346 EKAPAHLSLPDPQALKRDV 364
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TVPE: AMINO ACID
TVPE: AMINO ACID
TYPE: PRT
ORGANISM: Human GP88 CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein PCT-US91-02321-4
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Sequence 2, Application US/08431333
| Sequence 2, Application US/08431333
| Patent No. 5965723
| GENERAL INFORMATION:
| APPLICANT: Shoyab, Mohammed APPLICANT: Shoyab, Mohammed APPLICANT: Plowman, Gregory D. TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH ITILE OF INVENTION: MODULATING PROTEINS NUMBER OF SEQUENCES: 12 CORRESPONDENCE ADDRESS: ADDRESSEE: Pennie & Edmonds STREET: 1155 Avenue of the Americas CITY: New York STATE: New York STATE: New York COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 64.3%; Score 63; DB 2; Length 589; Best Local Similarity 68.4%; Pred. No. 0.036; Matches 13; Conservative 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                Ouery Match 64.3%; Score 63; DB 2; Length 589; Best Local Similarity 68.4%; Pred. No. 0.036; Matches 13; Conservative 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
CLASSIFFCATION: 536
PRIOR APPLICATION DATA:
APPLICATION DATA:
RILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18 872
REPRENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELESPAN: (212) 869-9741
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TOTE: Amino acids
TOTE: Amino acids
TOTE: Amino acids
TOTE: Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/OOKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          344 KKVTASLSLPDPOILKNDV 362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 EKAPAHLSLPDPQALKRDV 19
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            : 589 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                               US-08-429-998-2
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US-08-431-333-2
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| Patent No. 586561
| GENERAL INFORMATION |
| APPLICANT: Showah, Mohammed APPLICANT: Showah, Gregory D. TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MODULATING PROTEINS |
| CORRESPONDENCE ADDRESS: 12 |
| CORRESPONDENCE ADDRESS: Remnie & Edmonds |
| STREET: 1155 Avenue of the Americas |
| COUNTRY: New York |
| STATE: New York |
| COUNTRY: USA
     TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 64.3%; Score 63; DB 1; Length 589; Best Local Similarity 68.4%; Pred. No. 0.036; Matches 13; Conservative 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: New York

STATE: New York

CUNTRY: USA

ZIP: 1036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC COMPALIBLE

COMPUTER: IBM PC COMPALIBLE

COMPATING SYSTEM: PC-DCS/NS-DCS

SOFTWARE: PATENTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/429,998

FILING DATE: 27-APR-1995

CLASSIFCATION: 514

PRIOR APPLICATION SATA:

APPLICATION NUMBER: US/068,648

FILING DATE: 13-MAR-1991

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                  COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
CORPUTER: PATENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Misrox, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-
TELEPHONE: (212)790-9090
TELEPHONE: (212)790-9090
TELEFRAX: (212)790-9090
TELEFRAX: (212)790-9090
TELEFRAX: (212)790-9090
TELEFRAX: C12) 869-9741
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       344 KKVTASLSLPDPQILKNDV 362
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / MOLECULE TYPE: protein US-07-668-648-2
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                                                                                                                                                                                                                         USA
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US-08-429-998-2
                                                                                                                                                                                                                         COUNTRY:
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Gaps
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PRECENT OF SERVATION:

APPLICANT: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
APPLICANT: Showah, Gregory D.

TITLE OF INVENTION: DEPTHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDERSS:
ADDERSSEE: Pennie & Edmonde
STREET: 1155 Avenue of the Americas
CITY: New York
COUNTRY NO.
COUNTRY NO.
COUNTRY READABLE FORM:
MEDIUM TYPE: FLODEY Misk
COMPUTER. BEADABLE FORM:
MEDIUM TYPE: FLODEY Misk
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 27-ARR-1995
CLASSIFICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATDERSTANCAK, S. Lebile
REGISTRATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATDERSTANCAK, S. Lebile
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION NUMBER: 5624-161-999
TELECOMMUNICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION NUMBER: 5624-161-999
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PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3; Mismatches
                     CURRENT ADDICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION NUMBER: US/07/668,648
ATTORNEY/AGENT INFORMATION:
NAMB: Misrock, S. Leelie
REGISTRATION NUMBER: 18,872
REFERENCE/OCKET NUMBER: 5624-161-99;
REFERENCE/OCKET NUMBER: 5624-161-99;
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 869-9741
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 179 emino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 8, Application US/08429998 ; Patent No. 5885961
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 EKAPAHLSLPDPQALKRDV 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 54.1%;
Best Local Similarity 63.2%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein US-07-668-648-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
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                                                                                                                                               Sequence 2. Application PC/TUS9102321
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
FITLE OF INVENTION:
NUMBER OF SEQUENCES:
ADDRESSER:
ADDRESSER:
STREET:
SAURESPONDENCE ADDRESS:
ADDRESSER:
ADDRESSER:
STREET:
SAURESPERIATION:
OCHARY:
STREET:
SAURESPERIATION:
SAU
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Sequence 8, Application US/07668648

Sequence 8, Application US/07668648

PREACT NO 544510:

APPLICANT: Shoyab, Mohammed

APPLICANT: Showah, Gergory D.

TITLE OF INVENTION: MODULATING PROTEINS

TITLE OF INVENTION: MODULATING PROTEINS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

CONNTRY: USA

ZIP: 10036

ZIP: 10036

CONDUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 589;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 63; DB 9
Pred. No. 0.036
1; Mismatches
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          344 KKVTASLSLPDPQILKNDV 362
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Best Local Similarity 68.45
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: protein PCT-US91-02321-2
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RESULT 2
US-09-813-156-7
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FEATURE:
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Sequence 5, Appli
Sequence 5, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 2, Appli
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                                                                         March 26, 2004, 12:23:20 ; Search time 11.4872 Seconds (without alignments) 62.919 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
          GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-813-156-17
US-09-813-156-17
US-08-429-998-4
US-08-431-33-4
PCT-US91-02321-4
US-08-991-862-5
US-08-91-156-5
US-08-431-333-6
US-08-431-333-6
US-08-431-333-6
US-08-431-333-6
US-08-913-156-2
US-08-913-156-2
US-08-913-156-2
US-08-913-156-2
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US-08-431-333-2
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US-09-489-039A-11041
US-09-199-637A-307
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US-09-252-991A-18653
                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                    389414 segs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SUMMARIES
                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                      - protein search, using sw model
                                                                                                                                                                   BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                             Issued_Patents_AA:*
                                                                                                                                            1 ARRGIKCLRREAPR 14
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Maximum DB seq length: 2000000000
                                                                                                                    US-09-824-647-7
74
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2236
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Match 1
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      44446666
      4444666

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                                                                                                                                                Sequence:
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                                                                             Run on:
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No.
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28 41 55.4 252 4 US-09-252-991A-19905 Sequence 19905, A Sequence 2, Appli 3 US-09-230-421-2 Sequence 2, Appli 3 US-09-230-421-2 Sequence 2, Appli 3 US-09-230-421-2 Sequence 11, Appli 32 40 54.1 121 4 US-09-252-991A-3019 Sequence 30198, A Sequence 30108, A Sequence 31108, A Sequence 31108, A Sequence 2, Appli 33 40 54.1 259 4 US-09-252-991A-2108 Sequence 21508, A Sequence 2508, A Sequence 250
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ALIGNMENTS

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RESULT 2

COTHER TREPLICATION: (S. 0.991862)

PARTIE OF INVESTION: (S. 0.906.486)

FILE REPRENCE: 20.906.486 | P. 0.000.14 |

FILE PREPRINCE: 10.906.486 | P. 0.000.14 |

CURRENT FILIANG DATE: 10.906.486 | P. 0.000.14 |

FILE REPRENCE: 20.906.486 | P. 0.000.14 |

CURRENT FILIANG DATE: 10.906.981 | P. 0.000.14 |

CURRENT FILIANG DATE: 10.906.981 | P. 0.000.14 |

EARLIER PRICATION NUMBER: US / 0.809.1862 |

SEQUING: 14 | P. 14 |

COMPARE AND PRICATION NUMBER: US / 0.809.1862 |

COTHER INFORMATION: Internal peptide of human GP88 used to develop of the prication of the prication of the period of the prication of the period of the p
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GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
APPLICANT: STOWNAN, GREGORY D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                        Sequence 4, Application US/07668648

Sequence 4, Application US/07668648

GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Ployab, Gregory D.
TITLE OF INVENTION: PPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1; Length 593;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 68; DB 1;
Pred. No. 0.0007;
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Mismatches
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1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 12
CORRESONDENCES ADDRESS:
ADDRESSEE Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COMMEN: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 4, Application US/08429998
; Patent No. 5885961
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ATTORBY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,87
REPERENCE/POCKET NUMBER: 5
TELECOMMUNICATION INFORMATION
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     91.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                               566 ARRGIKCLRREAPR 579
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARRGIKCLRREAPR 14
                                          1 ARRGIKCLRREAPR 14
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Best Local Similarity 94...
Local 31 Conservative
  14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: New York
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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      Matches
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CENERAL INFORMATION:

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS

TITLE OF INVENTION: 89 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS

FILE REFERENCE: 2996.488/P001-49.21

CURRENT APPLICATION NUMBER: 08/991,862

PRIOR APPLICATION NUMBER: 08/991,862

PRIOR APPLICATION NUMBER: 08/991,862

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 17

LENGTH: 593
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: Z9966.488/P001-A
CURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/863,862
BARLIER FILING DATE: 1997-05-23
SOFTWARE: PATENTIN UNE: 1977-05-23
SOFTWARE: PATENTIN US: 17
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                                                                                                                                                                                                                               Query Match

Best Local Similarity 100.0%; Pred. No. 1.6e-06;
Matches 14; Conservative 0; Mismatches 0; Indels
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100.0%; Score 74; DB 4; I
Best Local Similarity 100.0%; Pred. No. 6.5e-05;
Matches 14; Conservative 0; Mismatches 0;
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Pred. No. 6.5e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-813-156-17; Sequence 17, Application US/09813156; Patent No. 6670183; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 17, Application US/08991862 Patent No. 6309826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%;
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ORGANISM: Human GP88 cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Human GP88 cDNA
US-08-991-862-17
        SEQ ID NO 7
LENGTH: 14
TYPE: PRT
ORGANISM: Human granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-813-156-17
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US-08-991-862-17
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LENGTH: 593
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Sequence 5, Application US/08991862
; Patent No. 6309826
; GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
; ITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH PACTOR AND ANTAGONISTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 4, Application PC/TUS9102321
; GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Showan, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bristol-Myers Squibb Company
STREET: 3005 First Avenue
CUTY: Seattle
STATE: Washington
CUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ô
                                                                                                                                                                                        Score 68; DB 2; Length 593; Pred. No. 0.0007;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CUNTRY: USA

ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CURRENT APPLICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION NUMBER: PCT/US91/02321
ATTORNEY/AGNT INFORMATION:
NAME: POOY. Brian W 32,928
REGISTRATION NUMBER: ON0071A-PC
TELECHMONICATION INFORMATION:
TELECHMONICATION INFORMATION:
TELECHMONICATION INFORMATION:
TELECHMONICATION INFORMATION:
TELEPAK: (206/128-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 68; DB 5;
Pred. No. 0.0007;
0; Mismatches 1
                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 92.9%;
Matches 13; Conservative
                                                                                                                                                                                        91.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   566 AARGIKCLRREAPR 579
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : 593 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ARRGIKCLRREAPR 14
                                                                                                                                                                                                                                                                                            1 ARRGTKCLRREAPR 14
                                                                                                                                                                                           Query Match
Best Local Similarity 92.9
Matches 13; Conservative
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein PCT-US91-02321-4
                                                                                    TOPOLOGY: linear;
MOLECULE TYPE: protein US-08-431-333-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 9
US-08-991-862-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/08431333
Fatent No. 5965723
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STRIE: New York
CONDITY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 68; DB 2; Length 593;
Pred. No. 0.0007;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: Flopy disk
COMPUTER EN FC COMPATIBLE
COMPUTER: EN FC COMPATIBLE
COMPUTER: EN FC COMPATIBLE
COMPUTER: EN FC COMPATIBLE
SOFTWARE: PAPELICATION DATA:
APPLICATION NUMBER: US /08/431,333
FLING DATE: 27-ARR-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leelle
REGISTRATION NUMBER: 18,972
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

OFFUNDATE: IBM PC compatible

OFFUNDATION SYSTEM: PC-DOS/MS-DOS

SOFFUNDATION NUMBER: US/08/429,998

FILING DATE: 27-APR-1995

CLASSIFICATION DATA:

APPLICATION NUMBER: US 07/668,648

FILING DATE: 13-AAR-1991

PRICH APPLICATION NUMBER: US 07/668,648

FILING DATE: 13-AAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Misrock, S. Leslie

REFERENCE/DOCKET NUMBER: 5624-161-999

TELEPHONE: (212)790-9090

TELEPHONE: (212)790-9090

TELEPHONE: (212)790-9090

TELEPHONE: (212) 869-9741

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 593 amino acids

TYPE: Amino acids

TYPE: Amino acids

TOPPOLOGY: Inear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  91.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 566 AARGTKCLRREAPR 579
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(212) 869-9741
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 92.9
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / MOLECULE TYPE: protein US-08-429-998-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-431-333-4
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TITLE OF INVENTION: MODULATING PROTEINS
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US-09-813-156-5

Sequence 5, Application US/09813156

Patent No. 6670183

GRENERAL INFORMATION.
APPLICANT: Serrero, Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE OF INVENTION: 89 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE OF INVENTION: 89 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE OF INVENTION: UNMBER: 08/99, 862

FRIOR APPLICATION NUMBER: 08/99, 862

PRIOR APPLICATION NUMBER: 08/99, 862

PRIOR APPLICATION NUMBER: 08/863, 862

PRIOR APPLICATION NUMBER: 08/863, 862

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Gaps
                                                                                                                                                                                                                                                                                                                                    LOCATION: (1)...(14)
COTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the COTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LOCATION: (1)..(14)
; OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the ; OTHER INFORMATION: antisera against the GP88 used in the ; OTHER INFORMATION: immunoaffinity step.
US-09-813-156-5
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Patent No. 5416192
GENERAL INFORMATION:
APPLICANT: Plowanh, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       71.6%; Score 53; DB 4; Length 14; 75.0%; Pred. No. 0.0065; ative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 71.6%; Score 53; DB 4; Length 14; Best Local Similarity 75.0%; Pred. No. 0.0065; Matches 9; Conservative 2; Mismatches 1; Indels
; FILE REFERENCE: 29996.488/P001-A
; CURRENT APPLICATION NUMBER: US/08/991,862
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/863,862
; MUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.0
; SOFTWARE: Patentin Ver. 1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3 RGTKCLRREAPR 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                            ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: mouse granulin
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
---- 9; Conserva
                                                                                                                                                                                                                                                                                                             NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 11
US-07-668-648-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 5
                                                                                                                                                                                                                                     TYPE: PRT
                                                                                                                                                                                                                                                                                          FEATURE:
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APPLICANT: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman:
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americae
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               71.6%; Score 53; DB 1; Length 589; 75.0%; Pred. No. 0.27; ive 2; Mismatches 1; Indels
                                                                                                                          COUNTRY: NGA

ZIP: 1036

COUNTRY: USA

ZIP: 1036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OMPRATING SYSTEM: PC-DOS/MS-DOS
OFFRANTING SYSTEM: PC-DOS/MS-DOS
OFFRANTING SYSTEM: US/O7/668,648

FLING DATE: 19910819

CLASSIFICATION NUMBER: US/07/668,648

FLING DATE: 19910819

CLASSIFICATION NUMBER: 18,872

REGISTRATION NUMBER: 18,872

REGISTRATION NUMBER: 16,299

TELEPHONE: (212)790-9090

TELEPHONE: (212)790-9090

TELEPHONE: (212) 869-9741

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
I.FWGTH: 589 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COFACALING STATEM: PC-DOS/MS-DOS
SOFTWARE: PARTICUS/MS-DOS
SOFTWARE: PC-DOS/MS-DOS
CURRENT APPLICATION DARA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY AGENT INS-MRR-1991
NAME: Misrock, S. Leslie
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York
COUNTRY: USA
ZIP: 10036
ZOMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 6, Application US/08429998
; Patent No. 5885961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: AMINO ACID
TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         564 RGTKCLKKKIPR 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 75.0
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-07-668-648-6
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US-08-429-998-6
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| Sequence 2. Application US/08991862 | Sequence 2. Application US/08991862 | Patent No. 6309326 | Patent No. 17 | Patent No. 17 | Patent No. 17 | Patent Patent Patent No. 1990-08-17 | Patent Patent No. 1990-08-17 | Patent Patent No. 17 | Patent No. 2 | Patent No. 3 | Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 75.0
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 13
US-08-431-333-6
i Sequence 6, Application US/08431333
i Patent No. 5965723
i GENERAL INFORMATION:
APPLICANT: Blowman, Gregory D.
TITLE OF INVENTION: BPITHBELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MPDULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
COUNTRY: USA
ZIP: 10036
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
CLASSIFICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
FILING DATE: 13-MAR-1991
MAND: Mistorck Stephson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 2; Length 589;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Indels
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Pred. No. 0.27;
2; Mismatches
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999;
TELECOMMULICATION INFORMATION:
TELEPAK: (212) 869-9741
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
US-08-429-998-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 71.6%; Score 53; DB Best Local Similarity 75.0%; Pred. No. 0.27 Matches 9; Conservative '2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: M. AGTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REPERENCE/POCKET UNMER: 5624
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 6:
SEQUIENCE CHARACTERISTICS:
LENGTH: 589 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ouery Match
Best Local Similarity 75.0%;
Matches 9; Conservative
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DB 4; Length 589;

Score 53; DB 4 Pred. No. 0.27; 2; Mismatches

71.6%; 75.0%;

1; Indels

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US-09-813-156-2
US-09-813-156-2
US-09-813-156-2
US-09-813-156-2
Sequence 2, Application US/09813156
Fatent No. 6670183
GENERAL INFORMATION
FILE REPERENCE: 25996-488/P001-A
FILE REPERENCE: 29996-488/P001-A
FILE REPERENCE: 29997-12-16
FRIOR PELICATION NUMBER: 08/991,862
FRIOR APPLICATION NUMBER: 08/863,862
FRIOR APPLICATION NUMBER: 08/863,862
FRIOR FILING DATE: 1997-05-23
FRIOR FILING DATE: 1997-05-23
FRIOR SEQ ID NOS: 17
FRIOR PLOS: 17
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Pred. No. 0.27;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Search completed: March 26, 2004, 12:29:51
Job time : 12.4872 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT / ORGANISM: Mouse epithelin/granulin US-09-813-156-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                71.6%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |||||||:: ||
564 RGTKCLRKKIPR 575
Query Match
Best Local Similarity 75.0
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 RGTKCLRREAPR 14
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1; Indels

||||||||::|| 564 RGTKCLRKKIPR 575 3 RGTKCLRREAPR 14

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Sequence Sequence Sequence Sequence

sequence Sequence Sequence Sequence Sequence

Sequence Sequence Sequence Sequence

Scoring table:

Run on:

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US-09-813-156-5
) Sequence 5. Application US/09813156
Patent No. 6670133
| Patent No. 6670133
| GENERAL INFORMATION:
| APPLICANTION:
| APPLICANTS SETECO. Ginette
| TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| FILE REPERENCE: 29996.4881P001-A
| CURRENT PILING DATE: 2001-03-21
| PRIOR PLICATION NUMBER: 08/991,862
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
CURRENT FILENGE DATE: 1998-108-107
EARLIER APPLICATION NUMBER: 08/863,862
EARLIER APPLICATION NUMBER: 08/863,862
EARLIER APPLICATION OF SEQ ID NOS: 17
SOFTWARE: PALENTING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 5
LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
LOCATION: (1)..(14)
COTHER INFORMATION: Internal peptide of mouse GPB8 used to raise the OTHER INFORMATION: antisera against the GPB8 used in the OTHER INFORMATION: ammunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 73; DB 4; Length 14
100.0%; Pred. No. 3.1e-06;
Live 0; Mismatches 0; Indels
                US-09-636-399A-69
US-09-636-399A-67
US-09-636-399A-67
US-09-636-399A-65
US-09-636-399A-62
US-09-636-399A-61
US-09-636-399A-61
US-09-636-399A-59
US-09-636-399A-59
US-09-636-399A-56
US-09-636-399A-55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-991-862-5; Sequence 5; Application US/08991862; Patent No. 6309826; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 14; Conservative
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ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORM
US-08-991-862-5
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                                                                                                                                                                   March 26, 2004, 12:23:20; Search time 11.4872 Seconds (without alignments) 62.919 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 2, A
Sequence 2, A
Sequence 2, A
Sequence 4, A
Sequence 4, A
Sequence 4, A
Sequence 17,
Sequence 1699
Sequence 1699
Sequence 1699
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Sequence 70,
Sequence 71,
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Sequence 6,
Sequence 6,
Sequence 2,
Sequence 2,
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    /@TG_E/ptodara/2/iaa/5h_COMB.pep:*
2: /@QTG_E/ptodara/2/iaa/5B_COMB.pep:*
3: /@QTG_E/ptodara/2/iaa/6A_COMB.pep:*
4: /@QTG_E/ptodara/2/iaa/6B_COMB.pep:*
5: /@QTG_E/ptodara/2/iaa/PCTUS_COMB.pep:*
5: /@QTG_E/ptodara/2/iaa/PCTUS_COMB.pep:*
                GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-813-156-5
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US-08-431-33-6
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US-08-431-33-6
US-09-813-133-6
US-09-813-133-2
US-08-431-333-2
US-08-431-333-2
US-08-431-333-2
US-08-431-333-2
US-08-431-333-2
US-08-431-333-2
US-08-431-333-1
US-08-991-862-7
US-08-991-862-7
US-09-991-862-7
US-09-991-862-7
US-09-991-862-7
US-09-36-399A-15
US-09-36-399A-15
US-09-636-399A-72
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US-09-636-399A-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                      OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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73
1 SARGTKCLRKKIPR 14
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Maximum DB seq length: 200000000
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Match Length
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Perfect score:
Sequence:
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Score

Result

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Gaps

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Length 14;

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US-08-429-998-6
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                                                                                                                                                                                                        FEATURE:
NAME/KEY: PRETIDE
LOCATION: (1). (14)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the
OTHER INFORMATION: annisera against the GP88 used in the
OTHER INFORMATION: immunoaffinity step.
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Patent NO. 5415192

GENERAL INFORMATION:
APPLICANT: Bhowan, Gregory D.
ITILE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
ITILE OF INVENTION: MODULATING PROTEINS
ORRESPONDENCES: 12
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCES: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CTIT: New York
COUNTRY: USA
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100.0%; Score 73; DB 4; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.1e-06;
Matches 14; Conservative 0; Mismatches 0; Indels
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COUNTRY: USA

COUNTRY: USA

CAIP: 10036

COMPUTER READALE FORM:

MEDIUM TYPE: Flappy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/668,648

FLING DATE: 19910819

CLASSIFICATION: 14

ATTORNEY MINDER: 18,872

REFERENCE/DOCKET NUMBER: 5624-161-999

TELEPOMUNICATION INFORMATION:

TELEPOMUNICATION INFORMATION:

TELEPOMUNICATION INFORMATION:

TELEPOMUNICATION OF 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 889 amino acids

"""F: AMINO ACID

LENGTH: AMINO ACID

""" TELEPOMUNICATION:

LENGTH: 889 amino acids

""" TELEPOMUNICATION:

LENGTH: 889 amino acids

""" TELEPOMUNICATION:

LENGTH: 889 amino acids

""" TELEPOMUNICATION:

LENGTH: AMINO ACID

""" TELEPOMUNICATION:

"" TELEPOMUNICA
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 14
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Matches 14; Conservative
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US-07-668-648-6
                                                                                                                               TYPE: PRT
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RESULT 4

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Sequence 6, Application US/08429998
| Patent No. 5885861
| GENERAL INPORMATION:
| APPLICANT: Blowman, Gregory D. TITLE OF INVENTION: MOULATING PROTEINS: TITLE OF INVENTION: MOULATING PROTEINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MOULATING PROTEINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MOULATING PROTEINS: ADDRESSEE: Pennie & Edmonds | ADDRESSEE: Pennie & Edmonds | ADDRESSEE: Pennie & Edmonds | GTREFT: INS Avenue of the Americas | CITY: New York | CITY: New York | CONTENT | NEW YORK | CONT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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Sequence 6, Application US/08431333

Patent No. 5965723

PAPLICANT: Shoyab, Mohammed

APPLICANT: Plowman, Gregory D.

TITLE OF INVENTION: RPTHELINS: NOVEL CYSTEINE-RICH GROWTH

TITLE OF EQUENCES: 12

NUMBER OF EQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 589;
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100.0%; Score 73; DB 2; Length 58
Best Local Similarity 100.0%; Pred. No. 9.5e-05;
Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIPICATION: $14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/666,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock S. Leslie
REGISTRATION NUMBER: 18,872
TERECOMMUNICATION NUMBER: 5624-161-999
TERECOMMUNICATION NUMBER: 5624-161-999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (212)790-9090
TELEPAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 6:
SEQUENOE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          562 SARGTKCLRKKIPR 575
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amino acid
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MOLECULE TYPE: protein
US-08-429-998-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
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; gequence 6, Application PC/TUS9102321
; GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
APPLICANT: PLOWMAIN, Gregory D.
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: ALStol-Myers Squibb Company
STRET: 3005 First Avenue
CINTRY: Seattle
STATE: Washington
COUNTRY: USA
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOFTWARE: PATENTIN POTE: 19910403
FILING DATE: 19910403
CLASS-FICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
CLASS-FICATION NUMBER: 32,928
REGISTRATION NUMBER: 32,928
REGISTRATION NUMBER: 32,928
REGISTRATION NUMBER: 32,928
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: (2066) 728 + 4875
TELEFRAX: COMPOTER AFT75
TELEFRAX: COMPOTER AFT75
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s; Pred. No. 9.5e
0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 5
Matches 14; Conservative 0; Mismatche
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
                                                                                                                                                                        ; ORGANISM: Mouse epithelin/granulin
US-09-813-156-2
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; Patent No. 5416192
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.0%;
Matches 14; Conservative 0,
                                                                                                                                                                                                                                                                                                                                                                                                           562 SARGTKCLRKKIPR 575
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
PCT-US91-02321-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AMINO ACID
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                                                                                                                                                        TYPE: PRT
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Sequence 2, Application US/08991862

Patent No. 6309826

GRNERAL INFORMATION:

GRNERAL INFORMATION:

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE DF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE DF PEPERSONE: 29996.488/P001-A

CURRENT APPLICATION NUMBER: US/08/991,862

CURRENT FILING DATE: 1999-08-17

EARLIER APPLICATION NUMBER: 08/863,862

BARLIER PILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        S-09-813-156-2
Sequence 2, Application US/09813156
Sequence 2, 6670183
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29996.488/P001-A
CURRENT PILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 589;
  SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-AFR-1995
PRICASSIFICATION: 53-6
PRICASSIFICATION: DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 5224-161-999
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 73; DB 4; I
Best Local Similarity 100.0%; Pred. No. 9.5e-05;
Matches 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 73; DB 2; L
Best Local Similarity 100.0%; Pred. No. 9.5e-05;
Matches 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; SEQ ID NO 2
; LENGTH: 589
; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-08-991-862-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               562 SARGIKCLRKKIPR 575
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 SARGTKCLRKKIPR 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein US-08-431-333-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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US-08-991-862-2
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TELEPHONE: (212)790-9090
TELEPAK: (212) 869-9741
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 85.7%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         562 SAKGTKCLRKKTPR 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 SARGIKCLRKKIPR 14
                                                                                                                                                                                                                                                                                       , MOLECULE TYPE: protein US-08-429-998-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-431-333-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-429-998-2
; Sequence 2. Application US/08429998
; Patent No. 5885961
; Patent No. 5885961
; APPLICANT: Shoyab, Mohammed
; APPLICANT: Blowman; Gregory D.
; TITLE OF INVENTION: MOULATING PROTEINS
; TITLE OF INVENTION: MOULATING PROTEINS
; NUMBER OF SQUENCE: 12
; CORRESPONDERS: 12
; CORRESPONDERS: 2
; CORRESPONDERS: 155 Avenue of the Americas
; STREE: 1155 Avenue of the Americas
; STREE: USA
                APPLICANT: PLOWMEN, GREGORY D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
STREEF: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89.0%; Score 65; DB 1; Length 589; 85.7%; Pred. No. 0.0022; tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC competition
COMPUTER: IBM FC competition
COMPUTER: DATE: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION: 51,4
PRIOR APPLICATION 51,4
PRIOR APPLICATION 51,4
PRIOR APPLICATION 151,4
                                                                                                                                                                                                                                        ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1EM PC compatible
COMPATING SYSTEM: PC-DOS/MN-DOS
SOFTWARE: PC-DOS/MN-DOS
SOFTWARE: PC-DOS/MN-DOS
CURRENT APPLICATION DATA:
FILING DATE: 19910819
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION UNDER: 18,872
REPERENCE/DOCKET UNDER: 5624
TELECOMMUNICATION INFORMATION:
TELEPHORE: (212) 769-999
TELEFRAX: (212) 769-999
TELEFRAX: (212) 769-999
TELEFRAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTER STICS:
LENGTH: 589 amino acids
TYPE: AMINO ACID
APPLICANT: Shoyab, Mohammed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    562 SAKGIKCLRKKIPR 575
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Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear; MOLECULE TYPE: protein US-07-668-648-2
                                                                                                                                                                                                    New York
                                                                                                                                                                                                                       USA
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                                                                                                                                                                              CITY: 1
STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: BPITHBLINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 593;
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CORRESPONDENCE ADDRESS:
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZATE: New York
COUNTRY: USA
ZATE: TOO36
COMPUTER: Floppy disk
COMPUTER: PALBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC-COMPATION
SOFTWARE: PACENTIN Release #1.0, Version #1.25
CURBATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 13-MAR.-1991
FILING DATE: 13-MAR.-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Lealie
REGISTRATION NUMBER: 5624-161-999
TELECOMMUTCATION INFORMATION:
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 58; DB 1;
Pred. No. 0.036;
3; Mismatches
                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: S14
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REPERNEV/POCKET NUMBER: 5524-161-99
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-429-998-4
; Sequence 4, Application US/08429998
; Patent No. 5885961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 71.4%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                566 AARGTKCLRREAPR 579
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   : 593 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 SARGIKCLRKKIPR 14
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MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-07-668-648-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
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| Patent No. 5416192 |
| Patent No. 5416192 |
| APPLICANT: Shoyab, Mohammed |
| APPLICANT: Plowman, Gregory D. |
| TITLE OF INVENTION: MODULATING PROTEINS |
| TITLE OF INVENTION: MODULATING PROTEINS |
| VUMBER OF SEQUENCES: 12 |
| CORRESPONDENCE ADDRESS: ADDRESSEE: Pennie & Edmonds |
| STREEF: 1155 Avenue of the Americas |
| CITY: New York |
| STATE: New York |
| COUNTY: USA 
                                                                                                                                                                                                                                                                                               FULTURALING TO PECTUS 102321

Sequence Specification PC/TUS 102321

GENERAL INFORMATION:

APPLICANT: Bloyab, Mohammed
APPLICANT: Bloyab, Mohammed
APPLICANT: BLOWMAN, GREGOTY D.

TITLE OF INVENTION: MODULATING PROTEINS.

NUMBER OF INVENTION: MODULATING PROTEINS.

NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS: 12
CORRESPONDENCE ADDRESS: 12
CORRESPONDENCE ADDRESS: 12
COUNTRY: USA
STREET: 3005 First Avenue
CITY: Seatle
STREET: 3005 First Avenue
CITY: Seatle
STREET: WAS Avenue
COUNTRY: USA
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OOPERATING SYSTEM: PC COMPATA:
COMPUTER: PREDAILS PORM: PC COMPATA:
APPLICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
FILING DATE: 19910403
FILING DATE: 19910403
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...e 1; Indels
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
MAMB: POOR, BRIAN W
REGISTRATION NUMBER: 32,928
REFERENCE/DOCKET NUMBER: ON0071A-PC
TELECOMMINICATION:
TELEPHONE: (206)728-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89.0%;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 s62 SAKGTKCLRKKTPR 575
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AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 85.7
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (206)448-4775
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
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GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Showal, Gregory D.
APPLICANT: Showal, Gregory D.
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STRATE: New York
COUNTRY: New York
COMPUTRY: New York
COMPUTRY: New York
COMPUTRY: IBM PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION WUMBER: US/08/431,333
FILING DATE: 13-MAR-1991
ATDRESTANCE TO NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATDRESTANCE FOOCHT INFORMATION:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATDRESTANCE CONTENT INFORMATION:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATDRESTANCE FOOCHT NUMBER: 18,872
REGISTRATION NUMBER: 18,873
ATDRESTANCE FOOCHT NUMBER: 18,873
ATDR
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                                                             Query Match

79.5%; Score 58; DB 2; Length 593;
Best Local Similarity 71.4%; Pred. No. 0.036;
Matches 10; Conservative 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Indels
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Pred. No. 0.036;
3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-431-333-4
; Sequence 4, Application US/08431333
; Patent No. 5965723
                                                                                                                                                                                                                                                                         :||||||||||||| 566 AARGTKCLRREAPR 579
                                                                                                                                                                                                                            1 SARGTKCLRKKIPR 14
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Best Local Similarity 71.4
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein US-08-431-333-4
US-08-429-998-4
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Search completed: March 26, 2004, 12:29:49 Job time : 11.4872 secs

1 SARGTKCLRKKIPR 14

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3, Appli 7, Appli 38, Appli Appli Appli Appli Appli Appli Appli

Sequence Sequence Sequence Sequence 2 Sequence 2 Sequence 2 Sequence 2 Sequence 3

Sequence

238,

Sequence 5, Appli Sequence 220, Appli Sequence 220, App Sequence 220, App Sequence 220, App Sequence 5719, App Sequence 8078, Ap

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Sequence 4. Application US/08991862
Fatent No. 6309826
GENERAL INFORMATION:
FATILE OF INVENTION:
FILE REFERENCE: 2996.488/P001-A
CURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
EARLIER PILING DATE: 1998-08-17
EARLIER FILING DATE: 1999-08-18
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/09813156
Sequence 4, Application US/09813156
Sequence 4, Application US/09813156
Sequence 4, Application US/09813156
GENERAL INFORMATION:
APPLICAMT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORICENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)...(12)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the GTHER INFORMATION: immunoaffinity step.
US-08-991-816-62-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 69; DB 4; Length 12; 100.0%; Pred. No. 1.6e-05; Live 0; Mismatches 0; Indels
                                                  US-09-865-415-6
US-09-865-415-6
US-09-264-805-238
US-09-191-647-7
US-09-540-245A-7
US-09-540-153-7
US-09-183-7
US-09-183-7
US-09-183-7
US-08-190-802A-220
US-08-477-346-220
US-08-477-346-220
US-08-477-346-220
US-08-487-072A-220
US-09-543-61A-5719
US-09-543-61A-5719
US-09-60-039A-60
           US-09-252-991A-31028
US-09-463-712C-8
                                                                                                                                                                                                                                                                                                                                                                                                                                        ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.
Matches 12, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PDAKTQCPDDST
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US-09-813-156-4
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US-08-991-862-4
                                                                                                                                                                                                                                         LENGTH: 12
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                                                                                                                                                   March 26, 2004, 12:23:20 ; Search time 9.84615 Seconds (without alignments) 62.919 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, p
Sequence 4, p
Sequence 2, p
Sequence 6, p
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6, Sequence 6, Sequence 2, Sequence 2, Sequence 2, Sequence 2, Sequence 4, Sequence 4, Sequence 4, Sequence 17, S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                       GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-991-862-4
US-07-668-648-2
US-07-668-648-2
US-07-668-648-2
US-08-429-998-2
US-08-429-998-2
US-08-431-333-6
US-08-431-333-6
US-08-991-862-17
US-08-991-862-991-862-17
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                                                                                                                                                                                                                                                                                                                                                                                                      389414 segs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                                               OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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69
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Match Length
                                               Copyright
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Maximum DB seq
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                                                                                                                                                                                                                                                                          Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Database
                                                                                                                                                             Run on:
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Gaps

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Sequence 6, Application US/07668648
Patent No. 5416192
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Broyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: ADDILATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Lealie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELECHONE: (212)790-9090
                                                                                                                                                                                                           ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTRY READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
COMPUTER: IEM PC COMPATIBLE
COMPUTER: PSATEM: PC-DOS/MS-DOS
COMPUTER: PSATEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : 589 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: protein US-07-668-648-6
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US-08-429-998-2
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                                                                                                                 FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)..(12)
CTHER INFORMATION: Internal peptide of mouse GFBB used to raise the
CTHER INFORMATION: antisera against the GFBB used in the
CTHER INFORMATION: immunoaffinity step.
US-09-813-156-4
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APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
CORRESPONDENCE: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 69; DB 1; Length 589; 100.0%; Pred. No. 0.0011;
                                                                                                                                                                                                                                                                                             Length 12;
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                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New LLC.
CCUNTRY: USA
ZIP: 10036
CCMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATENT PC COMPATIBLE
SOFTWARE: PATENTIN RElease #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 5.14
ATTORNEY/AGENT INFORMATION:
NAME: MISROCKE NUMBER: 18,872
REGISCHARLON NUMBER: 18,872
REGISCHENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 2:
SEQUENCE CHRARACTERISTICS:
TEMMATIN FOR ESQ ID NO: 2:
FWATH: 589 amino acids
                                                                                                                                                                                                                                                                                                100.0%; Score 69; DB 4; I
100.0%; Pred. No. 1.6e-05;
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STREET: 1155 Avenue of the Americas
CITY: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/07668648
Patent No. 5416192
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : 589 amino acids
AMINO ACID
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Best Local Similarity 100.
Matches 12; Conservative
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  SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 12
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Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                         1 PDAKTQCPDDST 12
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                                                                 TYPE: PRT
ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-668-648-2
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100.0%; Score 69; DB 1; Length 589; 100.0%; Pred. No. 0.0011;

Mismatches

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Sequence 2, Application US/08429998
Patent No. 5885961
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: ADDITATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: Floppy disk
COMPUTER: IBM FC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/22000
                                                                                                                                                                                                                                                                                           ...ukeSSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
CONTRY: USA
                                        208 PDAKTOCPDDST 219
1 PDAKTOCPDDST 12
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208 PDAKTOCPDDST 219

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RESULT

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Gaps
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APPLICANT: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
APPLICANT: Blowdan, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCES: 12
CORRESPONDENCES: 12
CORRESPONDENCES: 12
CORRESPONDENCES: 12
CORRESPONDENCES: 15
COUNTRY: New York
STATE: New York
STATE: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
CONFUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COUNTRY: USA
ZIP: IN 00 YORK
STATE: Patentin Release #1.0, Version #1.25
CONTRANT SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: 27-APR-1995
CULASSITICATION NUMBER: US 07/668,648
FILING DATE: 12-APR-1991
CLIASSITICATION: S. Leealie
PRIOR APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-APR-1991
ATTORNEY/AGENT INFORMATION:
NUMBER: MISCOCK, S. Leealie
FILING DATE: 13-APR-1991
ATTORNEY/AGENT INFORMATION:
NUMBER: S62-161-999
TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 2:
SEPTEMBLE S69 amino acids
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Sequence 6. Application US/08431333
Patent No. 5965723
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowam, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 69; DB 2; Length 589; 100.0%; Pred. No. 0.0011;
Score 69; DB 2; Length 589;
Pred. No. 0.0011;
Mismatches 0; Indels
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Patent No. 5965723
GENERAL INFORMATION:
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0
  Query Match
Best Local Similarity 100.0%;
Matches 12; Conservative 0;
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Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                   208 PDAKTOCPDDST 219
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                                                                                1 PDAKTOCPDDST 12
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US-08-431-333-6
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APPLICANT: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
APPLICANT: Showation:
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDESS:
ADDRESSEE: Pennie & Edmonds
STATE: New York
COMPUTRY: USA
ZIP: 10036
COMPUTRY: ISP PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: READABLE FORM:
COMPUTER READABLE FORM:
MEDIUCATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MASTOCK, S. Leslie
FILING DATE: 13-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MASTOCK, S. Leslie
FESTERNICE/DOCKET 100-00-00.00
                                                                                                                                                                                                                                                                                                                                                                                                                                       .
0
                                                                                                                                                                                                                                                                                                                                                                                                Length 589;
                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 100.0%; Score 69; DB 2; Best Local Similarity 100.0%; Pred. No. 0.0011; Matches 12; Conservative 0; Mismatter
  Sequence 6, Application US/08429998 Patent No. 5885961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       S89 amino acids
TYPE: amino acids
TOPOLOGY: liri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
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Sequence 2, Application US/09813156
| Patent No. 6670183
| GABREAL INFORMATION:
| APPLICANT: Serrero, Ginette
| TILE OF INVENTION: BK RAA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TILE OF INVENTION: BK RAA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TILE REFERENCE: 29996.8488/P001-A
| CURRENT APPLICATION NUMBER: US/09/813,156
| CURRENT FILING DATE: 2001-03-21
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 2
| LENGTH: 589
| TYPE: PRT
| CREANISM: Mouse epithelin/gramulin
| US-09-813-156-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sequence 2. Application PC/TUS9102321
| Sequence 2. Application PC/TUS9102321
| GENERAL INFORMATION:
| APPLICANT: Shoyab, Mohammed |
| APPLICANT: PLOWMAN, GREGOTY D. |
| TITLE OF INVENTION: MODULATING PROTEINS |
| TITLE OF INVENTION PROTEINS |
| TITLE OF INVENTION PROTEINS PROTEINS |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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100.0%; Score 69; DB 5; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.0011;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 589;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
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100.0%; Pred. No. 0.0011;
Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (206)448-4775
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 PDAKTQCPDDST 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PCT-US91-02321-2
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US-08-991-862-2
Sequence 2, Application US/08991862
Patent No. 630926
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SETTECO:
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/863,862
EARLIER FILING DATE: 1997-05-23
NUMBER OF SEC ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ..
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Best Local Similarity 100.0%; Pred. No. 0.0011;
Matches 12; Conservative 0; Mismatches 0; Indels
              ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER: NEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
CURRANT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISCOCK, S. Lealie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 5624-161-999
TELEBEHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-08-991-862-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (212) 869-9741
INFORMATION POR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : 589 amino acids
amino acid
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Best Local Similarity
Matches 12; Conserva
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TOPOLOGY:

ò g SOFTWALL. SEQ ID NO 2

RESULT 10 US-09-813-156-2

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RESULT 14

US-08-429-998-4

i Sequence 4, Application US/08429998

patent No. 5885961

GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Blowman, Gregory D.
TITLE OF INVENTION:
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds

LITLE ADDRESSE: Pennie of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 593;
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ZIP: 10036
COMFUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION NUMBER: US 07/668,648
FILING DATE: 13-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leelie
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leelie
REGISTRATION NUMBER: 18 872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: S14
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leelie
REGISTRATION NUMBER: S624-161-999
TELEPHONE: (212) 790-9900
TELEPHONE: (212) 790-9900
TELEPHONE: (212) 790-971
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: S93 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 51; DB:
Pred. No. 1.1;
3; Mismatches
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STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
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66.7%;
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INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: amino acid
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209 PDARSRCPDGST 220
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Best Local Similarity 66.7
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-668-648-4
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GENERAL INFORMATION:
APPLICANT: PLOWMAN, Gregory D.
TITLE OF INVENTION: MODILATING PROTEINS
TITLE OF INVENTION: MODILATING PROTEINS
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODILATING PROTEINS
NUMBERS OF SEGUENCES:
ADDRESSEE: Bristl-Myers Squibb Company
STREET: 3005 First Avenue
CITY: Saatle
STATE: Washington
COMPUTER: Mashington
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURENT APPLICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION NUMBER: 32,928
REFERENCE/DOCKET NUMBER: 32,928
REFERENCE/DOCKET NUMBER: 000071A-PC
TELECHOMIN: (206)448-4775
INPORMATION FORMATION:
TELEPAX: (206)448-4775
TELEPAX: (206)448-4775
TELEPAX: ALTON ACID
TOPOLOGY: 1.0.c.
TOPOLOGY: 1.0.c.
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| Patent No. 5416192 |
| Patent No. 5416192 |
| GENERAL INFORMATION: |
| APPLICANT: Shovab, Mchammed |
| APPLICANT: Plowman, Gregory D. |
| TITLE OF INVENTION: MODULATING PROTEINS |
| TITLE OF INVENTIONS |
| TITLE OF INVENTIONS |
| TITLE OF INVEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ô
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein PCT-US91-02321-6
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Gaps

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Gaps
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Sequence 4, Application US/08431333
Patent No. 5965723
GENURAL INFORMATION:
APPLICANT: Shoyab, Mohammed
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: EAGLOIGE
CORRESPONDENCES: 12
CORRESPONDENCES: 12
CORRESPONDENCE ADDRESS: 2
CORRESPONDENCE ADDRESS: 2
CORRESPONDENCE ADDRESS: 2
CORPUTER: New York
STATE: New York
COUNTRY: New York
COMPUTER: IBM PC-DOS/NS-DOS
COMPUTER: IBM PC-DOS/NS-DOS
COMPUTER: BADABLE FORM:
MEDIUM TYPE: RADABLE FORM:
COMPUTER: BADABLE STARRISTON:
CLASSIFICATION NUMBER: US/08/431,333
FILING DATE: 13-WAR-1991
ATTORNEY/AGENT INFORMATION:
CTELEFORM:
CASSIFICATION NUMBER: US/08/431,333
FILING DATE: 13-WAR-1991
ATTORNEY/AGENT INFORMATION:
CTELEFORM:
CASSIFICATION NUMBER: US/08/431,333
FILING DATE: 13-WAR-1991
ATTORNEY/AGENT INFORMATION:
CTELEFORM:
CASSIFICATION NUMBER: 18,922
REFERENCE/DOCKET NUMBER: 28,030
TELEFORM:
CASSIFICATION NUMBER: 562-161-999
TELEFORM:
CASSIFICATION OF SED ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: SEGUENCE CHARACTERISTICS:
LENGTH: SEGUENCE CHARACTERISTICS:
LENGTH: SEGUENCE CHARACTERISTICS:
CASSIFICATION OF SED ID NO: 4:
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                                                               Length 593;
                                                                                                                                      1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3; Mismatches
                                                                   Query Match
Best Local Similarity 66.7%;
Matches 8; Conservative
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Best. Local Similarity 66.7
Matches 8; Conservative
                                                                                                                                                                                                                                                                209 PDARSRCPDGST 220
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                                                                                                                                                                                                                 1 PDAKTQCPDDST 12
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US-08-431-333-4
US-08-429-998-4
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Search completed: March 26, 2004, 12:29:49 Job time : 10.8462 secs

209 PDARSRCPDGST 220

1 PDAKTOCPDDST 12

8740, Ap 17170, A 32405, A 28320, A 48, Appl

4, Appli 4, Appli 7162, Ap 64, Appl

Seduence Sed

23996, 23424, 28607,

Sequence 16588, Sequence 27704, Sequence 32561, Sequence 27583,

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APPLICANT: Serrero, dinette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.484/P001.48
CURRENT APPLICATION NUMBER: US/991,862
PRIOR APPLICATION UNMBER: 08/991,862
PRIOR PLING DATE: 1997-12-16
PRIOR PLING DATE: 1997-12-16
PRIOR APPLICATION UNMBER: 08/863,862
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/863,862
BARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COCATION: (1)...(19)
COTHER INFORMATION: Internal peptide of mouse GP88 used to raise of OTHER INFORMATION: antisera against the GP88 used in the CTHER INFORMATION: immunoaffinity step.
                      US-08-380-182-23
US-09-489-039A-8740
US-09-252-991A-32405
US-09-252-991A-32405
US-09-252-991A-28320
US-09-33-029-48
US-09-33-029-48
US-09-33-029-48
US-09-33-029-48
US-09-152-060-64
US-09-152-060-64
US-09-252-991A-28996
US-09-252-991A-28996
US-09-252-991A-28007
US-09-252-991A-28007
US-09-252-991A-28007
US-09-252-991A-28007
US-09-252-991A-32601
US-09-252-991A-32601
US-09-252-991A-32601
US-09-252-991A-32601
US-09-252-991A-32601
US-09-252-991A-32601
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100.0%; Pred. No. 1.8e-09;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 2
US-09-813-156-3
Sequence 3, Application US/09813156
Patent No. 6670183
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/08991862
Patent No. 6309826
GENERAL INFORMATION:
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ORGANISM: mouse granulin
FEATURE:
NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 19; Conserv
US-08-991-862-3
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LENGTH: 19
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   8 0 0 1 2 8 4 8 9 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 8 9 9 1 2 8 9 9 1 2 8 9 9 1 2 8 9 9 1 2 8 9 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 9 1 2 8 
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                                                                                                                                                                                                             March 26, 2004, 12:23:20 ; Search time 15:5897 Seconds (without alignments) 62.919 Million cell updates/sec
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Sequence 1
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(GgT2 6/ptodata2/jaa/5A_COMB.pep:*
/GgT2 6/ptodata2/jaa/5B_COMB.pep:*
/GgT2 6/ptodata2/jaa/6A_COMB.pep:*
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/GGT2 6/ptodata2/jaa/PCTUS_COMB.pep:*
/GGT2 6/ptodata2/jaa/PCTUS_COMB.pep:*
                                   GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-07-668-648-6

US-08-429-998-6

US-08-431-33-6

PCT-US91-02221-6

US-08-991-862-2

US-08-991-862-2

US-08-429-988-2

US-08-431-33-2

PCT-US31-0231-2

US-08-431-33-2

US-09-991-862-6

US-09-991-862-6

US-09-991-862-6

US-09-991-862-6

US-09-991-862-17

US-09-991-862-17

US-09-991-862-17

US-09-991-862-17

US-09-991-862-17

US-09-991-862-17

US-09-113-156-17

US-09-113-156-17
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                         OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                   US-09-824-647-3
96
1 KKVIAPRRLPDPQILKSDT 19
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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Match Length DB
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Maximum DB seq
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Length 19; Indels

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344 KKVIAPRKLPDPOILKSDT 362
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INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 589 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ouery Match 100.
Best Local Similarity 100.
Matches 19; Conservative
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US-08-431-333-6
                                                                                                                           FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1). (10)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the CTHER INFORMATION: antisera against the GP88 used in the CTHER INFORMATION: immunoaffinity step.
GOTHER INFORMATION: immunoaffinity step.
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Patent No. 5416192
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 96; DB 1; Length 589; 100.0%; Pred. No. 9.2e-08; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%; Pred. No. 1.8e-09;
Matches 19; Conservative 0; Mismatches 0; Indels
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COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PATENTE PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
ATTORNEY/AGBNT INFORMATION:
NAME: MISTOCK, S. LESISE
RESTRENCEY/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPRAK: (212) 790-9090
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STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 19
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Best Local Similarity 100.
Matches 19; Conservative
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                                                                              TYPE: PRT
ORGANISM: mouse granulin
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US-07-668-648-6
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RESULT

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sequence 6, Application US/08429998
; Patent No. 2885951
; GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennia STREFT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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Fatent No. 5965723
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Slowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: DOUGLATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: ADDRESSE:
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 589;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CUNTRY: New York
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
STATE: New York
CUNTRY: USA
ZIP: 10036
COMPUTER READALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC COMPATIBLE
COMPUTER: PAPABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PAPABLE FORM:
MEDIUM TYPE: PLOPPY disk
COMPUTER: PAPABLE FORM:
MEDIUM TYPE: PAPABLE FORM:
APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-APR-1995
CLASSIFICATION NUMBER: US 07/668,648
FILING DATE: 13-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 5624-161-999
TELEREMONICATION INFORMATION:
THE EXCOMMUNICATION INFORMATION:
THE EXPENSE FOR THE PAPABLE FOR T
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Mismatches 0;
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100.0%; Pred. No. 9.2e-08
tive 0; Mismatches 0
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STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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Sequence 2, Application US/09813156;
Patent No. 6670183;
Patent No. 6670183;
GENERAL INFORMATION:
PAPLICANT: Serrero, Ginette
TITLE REPERENCE: 29996.488/P001-A;
CURRENT APPLICATION NUMBER: US/09/813,156;
CURRENT FILING DATE: 1997-12-16;
PRIOR FILING DATE: 1997-12-16;
PRIOR PLILOR OF INVESTION NUMBER: 08/991,862;
PRIOR APPLICATION NUMBER: 08/991,862;
PRIOR FILING DATE: 1997-05-23;
NUMBER OF SEQ ID NOS: 17;
SOFTWARE: Patentin Ver. 2.0;
SEQ ID NO 2;
INCOME. PATENTING DATE: 200-23;
NUMBER OF SEQ ID NOS: 17;
SOFTWARE: Patentin Ver. 2.0;
SEQ ID NO 2;
INCOME. PATENTING DATE: 200-23;
INCOME. PATENTING DATE: 200-23;
INCOME. PATENTING DATE: 200-23;
INCOME. PATENTING DATE: 200-23;
INCOME. PATENTING DATE: 200-24;
INCOME. PATENTING DATE:
                                                                                                                                                                                                                                                                                                                                     RESULT 7
US-08-991-862-2
US-08-991-862-2
US-08-991-862-2
Sequence 2, Application US/08991862
Patent No. 630926
GENERAL IMPORMATION:
APPLICANT: Serrero, Ginette
TILIE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996-488/P001-A
CURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
FEARLIER APPLICATION NUMBER: 08/083,862
FEARLIER APPLICATION NUMBER: 08/083,862
SEARLIER PETLING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 2
LENGTH: 589
FYPE: PRT
CREMISM: Mouse epithelin/granulin
US-08-991-862-2
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    Pred. No. 9.2e-08; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 89; DB 4; I
Pred. No. 1.3e-06;
0; Mismatches 1,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 89; DB 4; I
Pred. No. 1.3e-06;
0; Mismatches 1;
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; ORGANISM: Mouse epithelin/granulin
US-09-813-156-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-07-668-648-2; Sequence 2, Application US/07668648; Patent No. 5416192; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    344 KKVIAPLKLPĎPQILKSĎŤ 362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       344 KKVIAPLRLPDPOILKSDT 362
                                                                                                                                                                                                               344 kkviAPRRLPDPQILKSDT 362
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Best Local Similarity 100.0%; P:
Matches 19; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                92.7%;
94.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 94.7%;
Matches 18; Conservative
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Best Local Similarity 94.73
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 8
US-09-813-156-2
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Sequence 6, Application PC/TUS9102321

GENERAL INFORMATION:

APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.

TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDERS: 12
CORRESPONDERS: ADDRESSE: Bristol-Myers Squibb Company
STREET: 3005 First Avenue
CITY: Scattle
STATE: Washington
COMPUTRY: USA
ZIP: 98121
COMPUTRY: USA
ZIP: 98121
COMPUTRY: USA
ZIP: 98121
COMPUTRY: 19910403
CLASSIFICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION NUMBER: 32,928
REFERENCE/DOCKET NUMBER: 32,92
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100.0%; Score 96; DB 2; Length 589;
Best Local Similarity 100.0%; Pred. No. 9.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
                  Patentin Release #1.0, Version #1.25
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                                                                                                                     AFPLIANT
AFPLIANT
AFPLIANT
AFPLIANT
CLASSIFICATION 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATPORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION INFORMATION:
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 96;
                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                344 KKVIAPRRLPDPQILKSDT 362
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TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein PCT-US91-02321-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ) TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-431-333-6
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                      SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 6
PCT-US91-02321-6
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APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: RETTHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 62, DB 2, Length 589;
Pred. No. 0.037;
1; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                Length 589;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 13-APR-1995
CLASSIFICATION 1536
PRIOR APPLICATION DATE: US/08/68,648
FILING DATE: 13-MAR-1991
ATTONREY/AGENT INPOWARION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,822
                                                                                                                                                                                                                                                                                                                                                              Score 62; DB 2;
Pred. No. 0.037;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Pennie & Edmonds STREET: 1155 Avenue of the Americas CITY: New York STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 11
US-08-431-333-2
; Sequence 2, Application US/08431333
; Patent No. 5965723
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 56.
TELECOMMUNICATION INFORMATION:
TELECHONE: (212) 790-90-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       344 KKVTASLSLPDPQILKND 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 KKVIAPRRLPDPQILKSD 18
                                       NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REPERENCE/DOCKET WUMBER: 56,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 72.2%;
Matches 13; Conservative
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Best Local Similarity 72.2%;
Matches 13; Conservative
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
13-MAR-1991
                                                                                                                                                     TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                protein
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CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie &
                                                                                                                                                                                                                            TOPOLOGY: 1:-
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US-08-429-998-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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Sequence 2, Application US/08429998

Sequence 2, Application US/08429998

Pattent No. 2885961

GENERAL INFORMATION:

APPLICANT: Shoyab, Mohammed

APPLICANT: Shoyab, Mohammed

TITLE OF INVENTION:

TITLE OF INVENTION: MODULATING PROTEINS

STREET: 125 Avenue of the Americas

CORRESPONDENCE SPENIE & Edmonds

STREET: New York

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk
                      Gregory D.
EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
MODULATING PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               64.6%; Score 62; DB 1; Length 589; Conservative 1; Mismarches
                                                                                                                                                                                                                                      CCUNTRY: USA

ZIF: 10036
CCMPUTER: ELADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ELA PC Compatible
COMPUTER: ELA PC Compatible
COMPUTER: ELA PC Compatible
SOFTWARE: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: 19910819
FLING DATE: 19910819
FLING DATE: 19910819
FLING DATE: 19910819
FREJERTATION NUMBER: 18,872
REFERENCE/POCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 790-9090
TELEFAX: (212) 790-9090
TELEFAX: (212) 790-9090
TELEFAX: (212) 790-9090
TELEFAX: (212) 869-9741
INFORMATION FOR SRQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TELEGATH: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Version #1.25
                             APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHBLINS: NOVEL CY
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS: 2
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         27-APR-1995
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APPLICATION NUMBER: US 07/668,648
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk.
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              344 KKVTASLSLPDPQILKND 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KKVIAPRRLPDPQILKSD 18
         Shoyab, Mohammed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: protein US-07-668-648-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 5
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Best Local Similarity
Matches 13; Conserv?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
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APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARCEGICA GOOD AFTER THE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT PILING DATE: 1999-02-18
PRIOR PLING DATE: 1999-02-18
PRIOR PLING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEG ID NO 20167
LENGTH: 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 15
US-06-991-862-6
1 Sequence 6, Application US/08991862
5 Sequence 6, Application US/08991862
5 Patent No. 630926
7 THE MEDICANT: Serrero, Ginette
7 TILLE OF INVENTION: 88 KDA TUMRIGENIC GROWTH FACTOR AND ANTAGONISTS
7 TILLE OF INVENTION: 88 KDA TUMRIGENIC GROWTH FACTOR AND ANTAGONISTS
7 TILLE OF INVENTION: 88 KDA TUMNBRR: 2996-08-17
7 CURRENT FILING DATE: 1998-08-17
7 CURRENT FILING DATE: 1998-08-17
7 SARLIER APPLICATION NUMBER: 08/863,862
7 ANDER OF SEQ ID NOS: 17
7 SOFTWARS: PALENCY DATE: 1997-05-23
7 NUMBER OF SEQ ID NOS: 17
7 SEQ ID NO 6
7 SEQ ID NO 6
7 SEQ ID NO 6
                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LOCATION: (1)..(19); OTHER INFORMATION: Internal peptide of human GP88 used to develop; OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody. US-08-991-862-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  45.8%; Score 44; DB 4 55.6%; Pred. No. 0.68;
                                                                                                                                          Score 47; DB
Pred. No. 1.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
46.4%; Score 44.5; D
Best Local Similarity 42.3%; Pred. No. 12;
Matches 11; Conservative 3; Mismatches
                                                                                                                                                                                          3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            210 VIAPGRFPSRMTRHIANDPQALEADS 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 VIAPRRLP-----DPQILKSDT 19
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 28167, Application US/09252991A Patent No. 6551795
                                                                      ), OTHER INFORMATION: consensus sequence US-09-800-971-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                       2 KVIAPRRLPDPQILKSDT 19
                                                                                                                                                                                                                                                                                5 KIISARNIPDPYVKVŠKT 22
     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                          Query Match
Best Local Similarity 50.0%;
Matches 9; Conservative
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ORGANISM: Human granulin
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Best Local Similarity
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US-09-252-991A-28167
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RESULT 12
PCT-US91-02321-2
; Sequence 2, Application PC/TUS9102321
; GENERAL INPORMATION:
GENERAL INPORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bristol-Myers Squibb Company
STREET: 3005 First Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP-
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GENERAL INFORMATION:
APPLICANT: Rachel A. Meyers
TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C
TITLE OF INVENTION: FAMILY MEMBER AND USES THEREOF
TITLE OF INVENTION: FAMILY MEMBER AND USES THEREOF
FILE REPERENCE: 10448-023001
CURRENT PELLING DATE: 2001-03-06
PRIOR APPLICATION NUMBER: 60/187,453
PRIOR FILING DATE: 2000-03-07
PRIOR APLICATION NUMBER: 60/188,032
PRIOR FILING DATE: 2000-03-09
NUMBER OF SEQ ID NOS: 11
SEQ ID NO 11
LENGTH: 92
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ZIE: 98121

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPRARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION: 514
ATTORNEY/AGENT INFRMATION:
NAME: POOC, Brian W.
REGISTRATION NUMBER: 32,928
REFERENCE/DOCKET NUMBER: ON071A-PC
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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Pred. No. 0
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Sequence 11, Application US/09800971
Patent No. 6534301
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Best Local Similarity 72.2%;
Matches 13; Conservative
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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AMINO ACID
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Conservative
10;
Matches

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Search completed: March 26, 2004, 12:29:48 Job time : 15.5897 secs

Scoring table: Perfect score:

Searched:

Sequence:

Title:

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Patent No. 6309826

GENERAL INFORMATION:

APPLICANT SETENCY GINETE

ITLE OF INVENTION:

FILE REPERENCE: 29996.488/P001-A

CURRENT APPLICATION NUMBER: US/08/991,862

CURRENT FILING DATE: 1997-05-23

KARLIER FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 17

LENGTH 593
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US-09-991-862-2
US-09-991-862-2
US-08-431-333-8
PCT-US91-02321-8
US-08-431-333-10
US-08-429-998-10
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US-08-431-333-10
US-08-431-333-10
US-08-429-998-11
US-08-977-767-3
US-08-977-767-3
US-08-99-915-18
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; ORGANISM: Human GP88 cDNA
US-08-991-862-17
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Sequence 17, Appl
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13. /Ggn2_6/prodacts/2/iaa/6A_COMB.pep:*
14. /Ggn2_6/prodacts/2/iaa/6B_COMB.pep:*
15. /Ggn2_6/prodacts/2/iaa/PCTUS_COMB.pep:*
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                           GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
                                                                                                              - protein search, using frame_plus_n2p model
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US-09-813-156-17
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US-08-429-998-2
US-08-431-333-2
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US-08-431-333-2
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Xgapop 10.0, Xgapext
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                                                                                                                         401 GlnHisCysCysProGlnArgTyrThrCysValAlaGluGlyGlnCysGlnArgGlySer
                                                                                                GAGATCGTGGCTGGACTGCAGAAGATGCCTGCCCGCCGCGGTTCCTTATCCCACCCCAGA
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Facturence 17, Application US/09813156
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TYPE: PRT
ORGANISM: Human GP88 CDNA
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Best Local Similarity:
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	61 CysGlnValAspAlaHisCysSerAlaGlyHisSerCysIlePhethrValSerGlyThr 80 253 TCCAGTTGCTGCCCTTCCCAGAGGCCGTGGCAGATGGCCATCACTGCTGCCCA 312 81 SerSerCysCysProPheProGluAlaValAlaCysGlyAspGlyHisCysCysPro 100 313 CGGGGTTCCACTGCAGTGCAGCGGCGATCCTGCTTCCAAAGATCAGGTAACAACTCC 372 101 ArgGlyPheHisCysSerAlaAspGlyArgSerCysPheGlnArgSerGlyAsnAsnSer 120 373 GTGGGTGCCATCCAGTGCCCTGATAGTCAATGCCCGGACTTCTCCACGTGCTGT 432 121 ValGlyAlaIleGlnCysProAspSerGlnPheGluCysProAspPheSerThrCysCys 140 433 GTTATGGTCCATGGCGCTGATAGTCCTGCCCCTGTGCTGTAAAAC 492	141 ValMetValAspGlySerTrpGlyCysCysProMetProGlnAlaSerCysCysGluAsp 160. 493 AGGGGCACTGCTGCACGGGGCTCTTCGACCTGGTTCACCGGTGATCACA 552	673 TGCTGTGAGCTGCCCAGTGGGAAGTATGGCTGCTCCCAATGCCCAACGCCACCTGCTGC 732 [91 AspValLysCysAspMetGluValSerCysProAspGlyTyrThrCysCysArgleuGln 13 TCGGGGCCTGGGCTGTTTTACCAGGCTGTGTGTGTGTGTG

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 ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 8624-161-999
REPERENCE/POCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-909
TELEPHONE: (212) 790-909
TELEPHONE: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: AMINO ACID
TYPE: AMINO ACID
MOLECULE TYPE: protein
US-07-668-648-4
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             Sequence 4, Application US/08429998
Patent No. 5885961
GENERAL INFORMATION:
APPLICANT: Showan, Gregory D.
TITLE OF INVENTION: RDITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
CUTY: New York
COMPUTRY: USA
ZIP: 10036
COMPUTRY: USA
ZIP: 10036
COMPUTRY: EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTRY: EADABLE FORM:
MEDIUM TYPE: POPOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-ARR-1995
CLASSIFICATION S14
PRIOR APPLICATION AND S14
PRIOR APPLICATION AND S14
PRIOR APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Miscock, S. Lesite
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION NUMBER: 18,872
REFERENCE/COCKET NUMBER: 5624-161-999
TELECOMMUNICATION NUMBER: 18,872
REFERENCE/COCKET NUMBER: 5624-161-999
TELECOMMUNICATION NUMBER: 18,872
REFERENCE/CATION NUMBER: 18,872
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Matches:
Conservative:
Mismatches:
Indels:
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Best Local Similarity:
Query Match:
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TOPOLOGY:
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Pred. No.:
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 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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PCT-US91-02321-4
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Percent Similarity:
9
Best Local Similarity:
9
Query Match:
5
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Pred. No.:
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                                                                                                                           CTCACGTCTGGGGAGTGGGGCTGCTGTCCAATCCCAGAGGCTGTCTGCTGCTCGGACCAC 1212
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                                   CAGGTGCCCTGGATGGAGAAGGCCCCAGCTCACCTCAGCCTGCCAGACCCACAAGCCTTG
                                                 341 GlnValProTrpMetGluLysAlaProAlaHisLeuSerLeuProAspProGlnAlaLeu
                                                                               AAGAGAGATGTCCCCTGTGATAATGTCAGCAGCTGTCCCTCCTCCGATACCTGCTGCCAA
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Sequence 4. Application PC/TUS9102321

GENERAL INFORMATION:

APPLICANT: Shoyab, Mohammed

APPLICANT: Plowman, Gregory D.

TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH

TITLE OF INVENTION: MODULATING PROTEINS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS: 2

CORRESPONDENCE ADDRESS: 3005 First Avenue

STREET: 3005 First Avenue

CITY: Seathle

STATE: Washington

COUNTRY: USA

ZIR: 98121

SEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GACGCCCCTTTGAGGGACCCAGCCTTGAGACAGCTGCTG 1791
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CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER:

FLING DATE: 19910403

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: POOT, BILAIN W.

REGISTRATION NUMBER: 32,928

REFERENCE/DOCKET NUMBER: 0N0071A-PC

TELEPHONE: (206)728-4800

TELEPHONE: (206)728-4800

TELEPAX: (206)728-475

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LEMGTH: 593 amino acids

TYPE: AMINO ACID

TOUCHY: Innear.
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Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                Sequence 2. Application US/0766864B

Patent No. 5416192

GENERAL INFORMATION:
APPLICANT: Blowan, Gregory D.
TITLE OF INVENTION: MODULATING PROTEINS.
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF SEQUENCES: 12
CORRESPONDENCE 2. 12
CORRESPONDENCE BADRESS:
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: TEM PC Compatible
COMPUTER: TEM PC-DOS/MS-DOS
SOFTWARE: Patentin Re-lease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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TELECOMMUNICATION INFORMATION:
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Matches:
Conservative:
Mismatches:
Indels:
                            1753 GACGCCCTTTGAGGGACCCAGCCTTGAGACAGCTGCTG
                                           US-09-824-647-16 (1-2095) x US-07-668-648-2 (1-589)
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2696.00
84.15%
74.70%
65.71%
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INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
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AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein US-07-668-648-2
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Best Local Similarity:
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                                                                                              US-07-668-648-2
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STREET: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CIIY: New York
COUNTRY: New York
COUNTRY: USA
ZIP: 100.05
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REGISTRATION NUMBER: 18,872
REFREENCE/DOCKET NUMBER: 5624-161-999
TELECOMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTR. 10036
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (212) 869-9741 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : 589 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & 1
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US-08-429-998-2
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               CGGGGCTTCCACTGCAGTGCAGACGGGCGATCCTGCTTCCAAAGATCAGGTAACAACTCC 372
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                                                                                                      LysGlySerTrpAlaCysClnLeuProHisAlaValCysCysGluAspArgGlnHis
                                                                                                                                                                Sequence 2, Application US/08429998
Patent No. 5885961
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION:
FPITHELINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MODULATING PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION: 514
PRICR APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTONEY/AGENT INPORMATION:
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Sequence 2, Application US/08431333;
Patent No. 5965723
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: MODILATING PROTEINS:
TITLE OF INVENTION: MODILATING PROTEINS;
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
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                                  Length:
Matches:
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Gaps:
                                   9.94e-167
2696.00
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Pred. No.:
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STATE: New York

COUNTRY: USA
ZINGS
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ZOMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 27-APR-1995
CLASSIFICATION NUMBER: US 07/668,648
FILING DATE: 13-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Miscock, S. Lesie
FEGISTRATION NUMBER: S624-161-999
TELEPHONE: (212) 780-990
TELEPHONE: (212) 780-971
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTENISTICS:
LENGTH: S89 amino acids
TYPE: Amino acids
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Best Local Similarity:
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                                 TGGGCCTGCTGTCCCTACGCCCAGGGCGTCTGTTGTGTGCTGATCGGCGCCACTGCTGCTCTT
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PCT-US91-02321-2

SQUENCE 2, Application PC/TUS9102321

SQUENCE 2, Application PC/TUS9102321

SQUENCE 2, Application PC/TUS9102321

APPLICANT: Blowman, Gregory D.

TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH

TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH

TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH

STARES 3005 First Avenue

CITY: SCATLE ADDRESS:

ADDRESSE: Bristol-Myers Squibb Company

STREET: 3005 First Avenue

CITY: SCATLE READBLE FORM:

MEDIUM TYPE: Florpy disk

COMPUTER READBLE FORM:

MEDIUM TYPE: Florpy disk

COMPUTER: TEMADALE FORM:

MEDIUM TYPE: PROPHIN Release #1.0, Version #1.25

CORPATION SYSTEM: PCT/US91/02321

FILING DATE: 19910403

CLRESSIFICATION NUMBER: PCT/US91/02321

FILING DATE: 19910403

CLRESSIFICATION NUMBER: AS 20.92

REGISTRATION NUMBER: AS 20.93

TELEPHONE: COMPACTERISTICS:

INFORMATION FOR SEQ ID NO: 2:

SQUENCE CHARACTERISTICS:

LENGTH: S99 AMINO ACID

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Matches:
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                                                                                                                                                                           1.55e-166
2693.00
83.98%
74.37%
65.63%
LENGTH: 589 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECTLE TYPE: protein
US-07-668-648-6
                                                                                                                                                                                                                   Percent Similarity:
Best Local Similarity:
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TITLE OF INVENTION: PROTECTIONS PROTEINS
TITLE OF INVENTION: PROTEINS PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
CITY: New York
COUNTRY: USA
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
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NAME: Misrock, S. Leslie
REGISTATION UNMERE: 18,872
REFERENCE/POCKET IN UNBER: 5624-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)799-9090
TELEPHONE: (212)799-9741
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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CORRESPONDENCE ADDRESS:
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Best Local Similarity:
Query Match:
DB:
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Patent No. 5885961
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: RPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
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Matches:
Conservative:
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Indels:
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ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION S14
PRIOR APPLICATION NUMBER: US 07/668,648
APPLICATION NUMBER: US 07/668,648
PILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                              NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 565
TELECOMMUNICATION: TREECOMMUNICATION: TELEPHONE: (212)790-9090
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INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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amino acid
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1693 GCTGGCTTCCGCTGCGCACGCAGGGTACCAAGTGTTTGCGCAGGGAGGCCCCCCGCGCTGG 1752
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PhelleGlnProProValLeuLeuThrLeuGlyProLysValGly-----AsnValGlu
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                                                                                 1633 TGGGCCTGCTGTCCCTACGCCCAGGGCGTCTGTTGTGCTGATCGGCCCACTGCTGTCCT
                                                     TGTGGGGAAGGACACTTCTGCCATGATAACCAGACCTGCTGCCGAGACAACCGACAGGGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Sequence 6, Application US/08431333 | Sequence 6, Application US/08431333 | Patent No. 5965723 | GENERAL INFORMATION: APPLICANT: Shoyab, Mohammed APPLICANT: Blowman, Gregory D. TITLE OF INVENTION: MODULATING PROTEINS | TITLE OF INVENTION: MODULATING PROTEINS | VUMBER OF SEQUENCES: 12 | CORRESPONDENCE ADDRESS: ADDRESSEE: Pennie & Edmonds | STREET 1155 Avenue of the Americas | CITY: New York | STATE: New York | COUNTRY: USA | COUNTRY: US
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CONTINUE READABLE FORM:

MEDIUM TYPE : Floppy disk

MEDIUM TYPE : Floppy disk

COMPUTER EBAPELE FORM:

MEDIUM TYPE : BATENINE : BATENINE : BATENINE : PACCOUNTERINE : PACCOUNTE : PACCOU
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Matches:
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TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 589 amino acids
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| Sequence 6, Application PC/TUS9102321
| Sequence 6, Application PC/TUS9102321
| GENERAL INFORMATION:
| APPLICANT: Shoyab, Mohammed
| APPLICANT: PLowman, Gregory D. |
| TITLE OF INVENTION: PLTHELINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MODULATING PROTEINS
| NUMBER OF SEQUENCES: 12
| CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: 
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
TLING STRICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Poor, Brian W.
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      32,928
R: ON0071A-PC
  REGISTRATION NUMBER: 32,928
REFERNCE/DOCKET NUMBER: ON00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)728-4800
TELEFAX: (206)448-475
INFORMATION FOR SEQ ID No: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
TOPOLOGY: linear
HODECULE TYPE: protein
PCT-US91-02321-6
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Best Local Similarity:
Query Match:
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GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 86 XDA TUMORIGENIC GROWTH FACT;
FILE FERRENCE: 29996,488/P001-A
CURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
FARLIER REPLICATION NUMBER: 08/863,862
EARLIER APPLICATION DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENOTH: 589
TYPE: PAT
ORGANISM: Mouse epithelin/granulin
US-08-991-862-2
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